

# Salem

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	23.34	35	150 #+	Male	15.66	14	89
Female	10.88	5	46	Female	13.98	16	114
Total	34.21	40	117	Total	29.64	30	101
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	7.01	5	71	Male	4.48	3	NC*
Female	6.53	5	77	Female	4.74	5	105
Total	13.53	10	74	Total	9.22	8	87
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	1.08	1	NC*	Male	19.07	23	121
Female	162.27	174	107	Female	20.29	19	94
Total	163.35	175	107	Total	39.36	42	107
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	9.53	6	63	Male	14.10	26	184 ~+
				Female	8.19	14	171
				Total	22.29	40	179 ^+
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	57.79	55	95	Female	19.04	29	152 #+
Female	68.64	74	108				
Total	126.43	129	102				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	8.10	13	161	Male	9.66	10	103
Female	3.33	5	150	Female	12.51	12	96
Total	11.43	18	157	Total	22.17	22	99
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	3.84	7	182	Male	139.55	184	132 ^+
Female	3.38	5	148				
Total	7.22	12	166				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	13.44	16	119	Male	9.81	8	82
Female	9.98	12	120	Female	7.51	6	80
Total	23.42	28	120	Total	17.32	14	81
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	7.53	6	80	Male	6.28	8	127
Female	2.20	2	NC*				
Total	9.73	8	82				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	11.03	14	127	Male	3.23	6	186
Female	10.13	13	128	Female	9.81	6	61
Total	21.15	27	128	Total	13.04	12	92
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	5.20	3	NC*	Female	30.78	37	120
Female	2.70	1	NC*				
Total	7.90	4	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	72.26	96	133 ~+	Male	464.68	566	122 ^+
Female	68.55	102	149 ^+	Female	524.44	589	112 ~+
Total	140.81	198	141 ^+	Total	989.12	1155	117 ^+

Exp = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

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## Salisbury

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.23	2	NC*	Male	3.02	5	165
Female	1.59	0	NC*	Female	2.31	5	216
Total	5.82	2	NC*	Total	5.33	10	187
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.39	1	NC*	Male	0.86	1	NC*
Female	1.10	1	NC*	Female	0.74	1	NC*
Total	2.49	2	NC*	Total	1.60	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.21	0	NC*	Male	3.61	2	NC*
Female	27.72	30	108	Female	3.16	4	NC*
Total	27.92	30	107	Total	6.77	6	89
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.61	3	NC*	Male	2.88	3	NC*
				Female	1.34	2	NC*
				Total	4.22	5	118
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	10.59	19	179 #+	Female	3.24	2	NC*
Female	9.94	13	131				
Total	20.53	32	156 #+				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.61	4	NC*	Male	1.82	1	NC*
Female	0.48	0	NC*	Female	1.85	4	NC*
Total	2.09	4	NC*	Total	3.67	5	136
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.70	2	NC*	Male	27.26	31	114
Female	0.54	0	NC*				
Total	1.25	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.67	1	NC*	Male	1.81	0	NC*
Female	1.64	4	NC*	Female	1.07	2	NC*
Total	4.31	5	116	Total	2.88	2	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.53	4	NC*	Male	1.07	3	NC*
Female	0.39	0	NC*				
Total	1.92	4	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.09	1	NC*	Male	0.63	1	NC*

Female	1.63	2	NC*	Female	1.65	2	NC*
Total	3.72	3	NC*	Total	2.28	3	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.03	0	NC*				
Female	0.41	0	NC*	Female	5.38	9	167
Total	1.44	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	13.79	18	131	Male	88.71	108	122
Female	11.18	16	143	Female	84.89	104	123 #+
Total	24.97	34	136	Total	173.60	212	122 ~+

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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## Sandisfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	0.78	1	NC*	Male	0.48	0	NC*
Female	0.20	0	NC*	Female	0.25	0	NC*
Total	0.98	1	NC*	Total	0.73	0	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.21	0	NC*	Male	0.15	0	NC*
Female	0.12	0	NC*	Female	0.09	1	NC*
Total	0.33	0	NC*	Total	0.24	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.04	0	NC*	Male	0.58	2	NC*
Female	3.12	4	NC*	Female	0.38	0	NC*
Total	3.16	4	NC*	Total	0.95	2	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.16	0	NC*	Male	0.47	0	NC*
				Female	0.16	1	NC*
				Total	0.63	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	1.95	0	NC*	Female	0.36	1	NC*
Female	1.24	0	NC*				
Total	3.19	0	NC*				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.29	2	NC*	Male	0.33	0	NC*
Female	0.06	0	NC*	Female	0.24	0	NC*
Total	0.35	2	NC*	Total	0.56	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.08	0	NC*	Male	5.24	1	NC*
Female	0.05	0	NC*				

Total	0.14	0	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	0.45	0	NC*
Female	0.20	0	NC*
Total	0.64	0	NC*
<b><u>Larynx</u></b>			
Male	0.27	1	NC*
Female	0.05	0	NC*
Total	0.32	1	NC*
<b><u>Leukemia</u></b>			
Male	0.34	0	NC*
Female	0.18	0	NC*
Total	0.52	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	0.18	0	NC*
Female	0.05	0	NC*
Total	0.23	0	NC*
<b><u>Lung and Bronchus</u></b>			
Male	2.59	0	NC*
Female	1.39	0	NC*
Total	3.98	0	NC*

#### **Stomach**

Male	0.32	0	NC*
Female	0.13	0	NC*
Total	0.45	0	NC*

#### **Testis**

Male	0.11	0	NC*
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#### **Thyroid**

Male	0.09	0	NC*
Female	0.16	0	NC*
Total	0.24	0	NC*

#### **Uteri, Corpus and Uterus, NOS**

Female	0.62	1	NC*
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#### **All Sites / Types**

Male	15.91	7	44 #-
Female	9.90	9	91
Total	25.81	16	62

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## **Sandwich**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	14.48	16	110
Female	5.09	9	177
Total	19.57	25	128
<b><u>Brain and Other Central Nervous System</u></b>			
Male	4.01	2	NC*
Female	3.16	3	NC*
Total	7.18	5	70
<b><u>Breast</u></b>			
Male	0.67	0	NC*
Female	80.86	89	110
Total	81.53	89	109
<b><u>Cervix Uteri</u></b>			
Female	4.30	5	116

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Melanoma of Skin</u></b>			
Male	9.16	15	164
Female	6.55	9	137
Total	15.71	24	153
<b><u>Multiple Myeloma</u></b>			
Male	2.80	2	NC*
Female	2.32	1	NC*
Total	5.12	3	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	11.12	6	54
Female	9.63	5	52
Total	20.75	11	53 #-
<b><u>Oral Cavity and Pharynx</u></b>			
Male	8.69	8	92
Female	4.03	4	NC*
Total	12.71	12	94

**Colon / Rectum**

Male	35.73	38	106
Female	31.97	29	91
Total	67.70	67	99

**Esophagus**

Male	5.09	4	NC*
Female	1.56	3	NC*
Total	6.64	7	105

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	1.83	0	NC*
Female	1.41	0	NC*
Total	3.25	0	NC*

**Kidney and Renal Pelvis**

Male	8.28	6	72
Female	4.93	7	142
Total	13.21	13	98

**Larynx**

Male	4.73	3	NC*
Female	1.15	1	NC*
Total	5.88	4	NC*

**Leukemia**

Male	6.61	9	136
Female	4.87	8	164
Total	11.48	17	148

**Liver and Intrahepatic Bile Ducts**

Male	3.21	1	NC*
Female	1.29	1	NC*
Total	4.50	2	NC*

**Lung and Bronchus**

Male	45.08	24	53 ^-
Female	34.29	30	87
Total	79.38	54	68 ~-

**Ovary**

Female	9.35	8	86
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**Pancreas**

Male	6.00	3	NC*
Female	5.90	4	NC*
Total	11.90	7	59

**Prostate**

Male	88.06	93	106
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**Stomach**

Male	6.06	7	116
Female	3.42	2	NC*
Total	9.48	9	95

**Testis**

Male	2.52	1	NC*
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**Thyroid**

Male	1.69	2	NC*
Female	4.28	7	163
Total	5.97	9	151

**Uteri, Corpus and Uterus, NOS**

Female	15.87	13	82
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**All Sites / Types**

Male	284.94	265	93
Female	254.70	258	101
Total	539.64	523	97

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**Saugus****Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	18.88	27	143	Male	12.22	12	98
Female	7.50	8	107	Female	9.50	9	95
Total	26.39	35	133	Total	21.72	21	97
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			

Male	5.35	8	149
Female	4.47	3	NC*
Total	9.82	11	112

#### **Breast**

Male	0.89	3	NC*
Female	116.68	112	96
Total	117.57	115	98

#### **Cervix Uteri**

Female	6.26	5	80
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#### **Colon / Rectum**

Male	46.90	50	107
Female	47.06	58	123
Total	93.96	108	115

#### **Esophagus**

Male	6.73	6	89
Female	2.30	1	NC*
Total	9.02	7	78

#### **Hodgkin's Disease (Hodgkin Lymphoma)**

Male	2.55	0	NC*
Female	2.04	3	NC*
Total	4.59	3	NC*

#### **Kidney and Renal Pelvis**

Male	10.96	16	146
Female	7.14	10	140
Total	18.10	26	144

#### **Larynx**

Male	6.31	4	NC*
Female	1.65	2	NC*
Total	7.96	6	75

#### **Leukemia**

Male	8.60	15	174
Female	6.94	8	115
Total	15.55	23	148

#### **Liver and Intrahepatic Bile Ducts**

Male	4.26	10	235 #+
Female	1.89	3	NC*
Total	6.15	13	212 #+

#### **Lung and Bronchus**

Male	60.08	62	103
Female	49.76	52	105
Total	109.83	114	104

Male	3.68	4	NC*
Female	3.37	4	NC*
Total	7.05	8	113

#### **Non-Hodgkin('s) Lymphoma**

Male	14.75	17	115
Female	14.02	14	100
Total	28.76	31	108

#### **Oral Cavity and Pharynx**

Male	11.50	12	104
Female	5.83	8	137
Total	17.34	20	115

#### **Ovary**

Female	13.48	10	74
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#### **Pancreas**

Male	7.88	17	216 ~+
Female	8.69	8	92
Total	16.57	25	151

#### **Prostate**

Male	118.04	140	119
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#### **Stomach**

Male	7.87	11	140
Female	5.07	6	118
Total	12.94	17	131

#### **Testis**

Male	3.74	5	134
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#### **Thyroid**

Male	2.33	4	NC*
Female	6.23	10	161
Total	8.56	14	164

#### **Uteri, Corpus and Uterus, NOS**

Female	22.78	25	110
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#### **All Sites / Types**

Male	378.61	457	121 ^+
Female	369.60	377	102
Total	748.21	834	111 ~+

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## Savoy

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	0.44	2	NC*	Male	0.31	0	NC*
Female	0.13	0	NC*	Female	0.21	0	NC*
Total	0.57	2	NC*	Total	0.51	0	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.14	0	NC*	Male	0.09	0	NC*
Female	0.10	0	NC*	Female	0.07	1	NC*
Total	0.24	0	NC*	Total	0.15	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.02	0	NC*	Male	0.37	0	NC*
Female	2.50	3	NC*	Female	0.28	0	NC*
Total	2.52	3	NC*	Total	0.64	0	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.15	0	NC*	Male	0.29	0	NC*
				Female	0.12	0	NC*
				Total	0.41	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	1.09	2	NC*	Female	0.29	0	NC*
Female	0.84	0	NC*				
Total	1.92	2	NC*				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.16	0	NC*	Male	0.19	0	NC*
Female	0.04	0	NC*	Female	0.15	0	NC*
Total	0.20	0	NC*	Total	0.34	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.07	0	NC*	Male	2.74	2	NC*
Female	0.05	0	NC*				
Total	0.12	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.27	0	NC*	Male	0.19	0	NC*
Female	0.14	0	NC*	Female	0.09	0	NC*
Total	0.41	0	NC*	Total	0.27	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.15	0	NC*	Male	0.11	0	NC*
Female	0.03	0	NC*				
Total	0.19	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.21	0	NC*	Male	0.06	0	NC*
Female	0.14	1	NC*	Female	0.15	0	NC*
Total	0.35	1	NC*	Total	0.21	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.10	1	NC*	Female	0.49	1	NC*
Female	0.03	0	NC*				
Total	0.14	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	1.39	0	NC*	Male	9.00	7	78
Female	0.99	1	NC*	Female	7.49	7	93

Total	2.38	1	NC*	Total	16.49	14	85
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**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

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## Scituate

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	11.89	9	76	Male	7.82	13	166
Female	4.60	6	130	Female	5.98	9	150
Total	16.48	15	91	Total	13.80	22	159
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.47	3	NC*	Male	2.35	0	NC*
Female	2.85	4	NC*	Female	2.10	1	NC*
Total	6.32	7	111	Total	4.45	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.57	1	NC*	Male	9.39	9	96
Female	74.21	86	116	Female	8.71	10	115
Total	74.78	87	116	Total	18.10	19	105
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	3.95	2	NC*	Male	7.55	9	119
				Female	3.68	8	217
				Total	11.23	17	151
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	29.65	25	84	Female	8.56	8	93
Female	28.74	22	77				
Total	58.39	47	80				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	4.38	1	NC*	Male	5.05	6	119
Female	1.40	0	NC*	Female	5.35	8	150
Total	5.78	1	NC*	Total	10.39	14	135
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.59	0	NC*	Male	76.58	82	107
Female	1.27	0	NC*				
Total	2.87	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	7.08	10	141	Male	5.00	1	NC*
Female	4.50	2	NC*	Female	3.09	2	NC*
Total	11.59	12	104	Total	8.09	3	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	4.13	4	NC*	Male	2.23	2	NC*
Female	1.06	2	NC*				
Total	5.19	6	116				



<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.49	4	NC*	Male	1.50	2	NC*
Female	4.40	7	159	Female	3.92	4	NC*
Total	9.88	11	111	Total	5.42	6	111
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.76	3	NC*	Female	14.58	17	117
Female	1.17	1	NC*				
Total	3.93	4	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	38.47	41	107	Male	242.74	242	100
Female	31.28	30	96	Female	232.04	240	103
Total	69.75	71	102	Total	474.77	482	102

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## Seekonk

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	10.00	11	110	Male	6.75	6	89
Female	3.49	0	NC*	Female	4.89	5	102
Total	13.49	11	82	Total	11.64	11	94
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.00	5	167	Male	1.99	1	NC*
Female	2.31	2	NC*	Female	1.64	2	NC*
Total	5.31	7	132	Total	3.62	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.48	1	NC*	Male	8.06	3	NC*
Female	60.26	56	93	Female	6.83	5	73
Total	60.75	57	94	Total	14.90	8	54
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	3.32	1	NC*	Male	6.52	9	138
				Female	2.93	0	NC*
				Total	9.44	9	95
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	25.00	18	72	Female	6.98	8	115
Female	21.79	25	115				
Total	46.80	43	92				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	3.74	3	NC*	Male	4.28	2	NC*
Female	1.06	2	NC*	Female	4.06	1	NC*
Total	4.80	5	104	Total	8.34	3	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			

Male	1.41	0	NC*	Male	64.88	46	71 #-
Female	1.07	0	NC*				
Total	2.48	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.06	4	NC*	Male	4.24	8	189
Female	3.56	1	NC*	Female	2.33	0	NC*
Total	9.63	5	52	Total	6.58	8	122
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	3.54	1	NC*	Male	2.03	3	NC*
Female	0.85	0	NC*				
Total	4.39	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	4.67	6	128	Male	1.32	1	NC*
Female	3.46	3	NC*	Female	3.34	3	NC*
Total	8.13	9	111	Total	4.66	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.37	0	NC*				
Female	0.90	1	NC*	Female	11.83	8	68
Total	3.26	1	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	32.52	11	34 ^-	Male	206.32	150	73 ^-
Female	24.60	20	81	Female	184.34	152	82 #-
Total	57.11	31	54 ^-	Total	390.66	302	77 ^-

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## Sharon

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	10.88	12	110	Male	7.63	7	92
Female	3.77	2	NC*	Female	5.49	13	237 ~+
Total	14.65	14	96	Total	13.12	20	152
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.45	2	NC*	Male	2.22	5	225
Female	2.60	7	270 #+	Female	1.79	2	NC*
Total	6.04	9	149	Total	4.01	7	174
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.54	0	NC*	Male	9.04	18	199 #+
Female	68.24	79	116	Female	7.45	10	134
Total	68.77	79	115	Total	16.49	28	170 #+
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
				Male	7.55	5	66

Female	3.72	3	NC*	Female	3.28	1	NC*
				Total	10.83	6	55
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	27.25	24	88	Female	7.87	10	127
Female	23.45	16	68				
Total	50.71	40	79				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	4.23	2	NC*	Male	4.74	7	148
Female	1.14	2	NC*	Female	4.38	1	NC*
Total	5.38	4	NC*	Total	9.12	8	88
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.58	1	NC*	Male	71.72	65	91
Female	1.17	1	NC*				
Total	2.74	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.91	5	72	Male	4.68	4	NC*
Female	3.96	4	NC*	Female	2.53	8	317 ~+
Total	10.87	9	83	Total	7.21	12	166
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	4.04	3	NC*	Male	2.16	0	NC*
Female	0.96	0	NC*				
Total	5.00	3	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.27	6	114	Male	1.51	6	397 #+
Female	3.92	2	NC*	Female	3.73	12	322 ~+
Total	9.18	8	87	Total	5.24	18	343 ^+
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.68	1	NC*	Female	13.43	11	82
Female	0.98	1	NC*				
Total	3.66	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	35.79	24	67 #-	Male	228.70	208	91
Female	26.89	17	63	Female	204.85	214	104
Total	62.68	41	65 ~-	Total	433.56	422	97

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## Sheffield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.53	1	NC*	Male	1.64	1	NC*
Female	0.86	0	NC*	Female	1.14	0	NC*

Total	3.39	1	NC*
<b><u>Brain and Other Central Nervous System</u></b>			
Male	0.71	1	NC*
Female	0.54	0	NC*
Total	1.26	1	NC*
<b><u>Breast</u></b>			
Male	0.12	0	NC*
Female	13.89	7	50
Total	14.01	7	50
<b><u>Cervix Uteri</u></b>			
Female	0.76	0	NC*
<b><u>Colon / Rectum</u></b>			
Male	6.28	6	96
Female	5.37	7	130
Total	11.64	13	112
<b><u>Esophagus</u></b>			
Male	0.91	0	NC*
Female	0.26	0	NC*
Total	1.17	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	0.33	0	NC*
Female	0.25	0	NC*
Total	0.58	0	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	1.47	2	NC*
Female	0.84	1	NC*
Total	2.31	3	NC*
<b><u>Larynx</u></b>			
Male	0.85	1	NC*
Female	0.20	0	NC*
Total	1.05	1	NC*
<b><u>Leukemia</u></b>			
Male	1.15	1	NC*
Female	0.83	0	NC*
Total	1.98	1	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	0.57	0	NC*
Female	0.22	0	NC*
Total	0.79	0	NC*
<b><u>Lung and Bronchus</u></b>			
Male	7.99	8	100
Female	5.83	3	NC*
Total	13.82	11	80

Total	2.77	1	NC*
<b><u>Multiple Myeloma</u></b>			
Male	0.49	1	NC*
Female	0.39	0	NC*
Total	0.88	1	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	1.98	2	NC*
Female	1.64	0	NC*
Total	3.61	2	NC*
<b><u>Oral Cavity and Pharynx</u></b>			
Male	1.56	4	NC*
Female	0.69	0	NC*
Total	2.25	4	NC*
<b><u>Ovary</u></b>			
Female	1.61	1	NC*
<b><u>Pancreas</u></b>			
Male	1.06	1	NC*
Female	1.00	0	NC*
Total	2.06	1	NC*
<b><u>Prostate</u></b>			
Male	15.76	13	82
<b><u>Stomach</u></b>			
Male	1.07	0	NC*
Female	0.58	1	NC*
Total	1.64	1	NC*
<b><u>Testis</u></b>			
Male	0.47	1	NC*
<b><u>Thyroid</u></b>			
Male	0.31	1	NC*
Female	0.76	0	NC*
Total	1.07	1	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	2.71	2	NC*
<b><u>All Sites / Types</u></b>			
Male	50.62	46	91
Female	43.47	26	60 ~-
Total	94.08	72	77 #-

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## Shelburne

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	1.36	3	NC*	Male	0.96	1	NC*
Female	0.72	1	NC*	Female	0.85	2	NC*
Total	2.08	4	NC*	Total	1.81	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.43	1	NC*	Male	0.28	0	NC*
Female	0.39	0	NC*	Female	0.31	1	NC*
Total	0.82	1	NC*	Total	0.58	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.07	0	NC*	Male	1.14	1	NC*
Female	10.40	7	67	Female	1.27	1	NC*
Total	10.46	7	67	Total	2.41	2	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.54	0	NC*	Male	0.93	1	NC*
				Female	0.53	0	NC*
				Total	1.47	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	3.41	2	NC*	Female	1.19	0	NC*
Female	4.52	4	NC*				
Total	7.92	6	76				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.52	0	NC*	Male	0.59	1	NC*
Female	0.22	0	NC*	Female	0.82	0	NC*
Total	0.74	0	NC*	Total	1.41	1	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.21	0	NC*	Male	8.84	9	102
Female	0.18	0	NC*				
Total	0.38	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.86	0	NC*	Male	0.58	0	NC*
Female	0.64	1	NC*	Female	0.50	1	NC*
Total	1.50	1	NC*	Total	1.08	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.50	1	NC*	Male	0.30	0	NC*
Female	0.14	0	NC*				
Total	0.64	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.66	1	NC*	Male	0.19	0	NC*
Female	0.66	0	NC*	Female	0.53	0	NC*
Total	1.32	1	NC*	Total	0.73	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.33	0	NC*	Female	2.00	4	NC*
Female	0.18	0	NC*				
Total	0.51	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			

Male	4.45	2	NC*	Male	28.48	26	91
Female	4.32	8	185	Female	33.50	34	101
Total	8.77	10	114	Total	61.98	60	97

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## Sherborn

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.87	2	NC*	Male	2.06	2	NC*
Female	0.94	2	NC*	Female	1.46	2	NC*
Total	3.81	4	NC*	Total	3.52	4	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.92	1	NC*	Male	0.60	2	NC*
Female	0.68	2	NC*	Female	0.46	0	NC*
Total	1.60	3	NC*	Total	1.06	2	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.14	0	NC*	Male	2.41	2	NC*
Female	18.39	22	120	Female	1.92	0	NC*
Total	18.54	22	119	Total	4.33	2	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.01	0	NC*	Male	2.07	1	NC*
				Female	0.86	0	NC*
				Total	2.93	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	7.23	12	166	Female	2.12	2	NC*
Female	5.82	6	103				
Total	13.05	18	138				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.15	1	NC*	Male	1.27	2	NC*
Female	0.28	0	NC*	Female	1.09	1	NC*
Total	1.43	1	NC*	Total	2.36	3	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.41	0	NC*	Male	19.43	21	108
Female	0.30	0	NC*				
Total	0.71	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	1.88	2	NC*	Male	1.24	2	NC*
Female	1.04	1	NC*	Female	0.62	1	NC*
Total	2.92	3	NC*	Total	1.87	3	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.11	2	NC*	Male	0.55	2	NC*

Female	0.26	0	NC*
Total	1.37	2	NC*

#### Leukemia

Male	1.39	3	NC*
Female	1.00	1	NC*
Total	2.39	4	NC*

#### Liver and Intrahepatic Bile Ducts

Male	0.73	0	NC*
Female	0.25	1	NC*
Total	0.98	1	NC*

#### Lung and Bronchus

Male	9.63	2	NC*
Female	7.07	10	141
Total	16.70	12	72

#### Thyroid

Male	0.41	1	NC*
Female	1.01	2	NC*
Total	1.42	3	NC*

#### Uteri, Corpus and Uterus, NOS

Female	3.64	4	NC*
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#### All Sites / Types

Male	61.42	62	101
Female	53.81	58	108
Total	115.23	120	104

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

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\* = **SIR** and statistical significance not calculated when **Obs** < 5

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## Shirley

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	3.49	8	229
Female	1.14	2	NC*
Total	4.63	10	216 #+

#### **Brain and Other Central Nervous System**

Male	1.39	0	NC*
Female	0.95	1	NC*
Total	2.34	1	NC*

#### **Breast**

Male	0.18	0	NC*
Female	22.49	17	76
Total	22.67	17	75

#### **Cervix Uteri**

Female	1.49	0	NC*
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#### **Colon / Rectum**

Male	8.92	12	135
Female	7.10	8	113
Total	16.01	20	125

#### **Esophagus**

Male	1.43	1	NC*
Female	0.34	1	NC*

#### **Melanoma of Skin**

Male	2.90	2	NC*
Female	1.99	1	NC*
Total	4.89	3	NC*

#### **Multiple Myeloma**

Male	0.73	0	NC*
Female	0.55	0	NC*
Total	1.29	0	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	3.42	3	NC*
Female	2.48	6	242
Total	5.90	9	153

#### **Oral Cavity and Pharynx**

Male	2.71	0	NC*
Female	1.05	1	NC*
Total	3.76	1	NC*

#### **Ovary**

Female	2.69	3	NC*
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#### **Pancreas**

Male	1.57	0	NC*
Female	1.33	0	NC*

Total	1.77	2	NC*
<b>Hodgkin's Disease (Hodgkin Lymphoma)</b>			
Male	0.82	0	NC*
Female	0.54	1	NC*
Total	1.36	1	NC*

<b>Kidney and Renal Pelvis</b>			
Male	2.43	4	NC*
Female	1.28	0	NC*
Total	3.71	4	NC*

<b>Larynx</b>			
Male	1.39	2	NC*
Female	0.30	1	NC*
Total	1.70	3	NC*

<b>Leukemia</b>			
Male	1.91	1	NC*
Female	1.30	1	NC*
Total	3.20	2	NC*

<b>Liver and Intrahepatic Bile Ducts</b>			
Male	0.94	1	NC*
Female	0.30	0	NC*
Total	1.25	1	NC*

<b>Lung and Bronchus</b>			
Male	11.88	11	93
Female	8.56	8	93
Total	20.44	19	93

Total	2.91	0	NC*
<b>Prostate</b>			
Male	23.67	24	101

<b>Stomach</b>			
Male	1.54	4	NC*
Female	0.77	1	NC*
Total	2.31	5	216

<b>Testis</b>			
Male	1.42	1	NC*

<b>Thyroid</b>			
Male	0.70	1	NC*
Female	1.59	2	NC*
Total	2.29	3	NC*

<b>Uteri, Corpus and Uterus, NOS</b>			
Female	4.28	9	210

<b>All Sites / Types</b>			
Male	78.79	78	99
Female	66.98	72	107
Total	145.76	150	103

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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## Shrewsbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b>Exp</b>	<b>Obs</b>	<b>SIR</b>
<b>Bladder, Urinary</b>			
Male	17.83	21	118
Female	6.72	6	89
Total	24.55	27	110

<b>Brain and Other Central Nervous System</b>			
Male	5.60	5	89
Female	4.45	7	157
Total	10.06	12	119

<b>Breast</b>			
Male	0.86	1	NC*
Female	112.56	107	95
Total	113.42	108	95

	<b>Exp</b>	<b>Obs</b>	<b>SIR</b>
<b>Melanoma of Skin</b>			
Male	12.34	14	113
Female	9.34	9	96
Total	21.68	23	106

<b>Multiple Myeloma</b>			
Male	3.55	2	NC*
Female	3.10	6	193
Total	6.66	8	120

<b>Non-Hodgkin('s) Lymphoma</b>			
Male	14.79	21	142
Female	13.12	11	84
Total	27.92	32	115



**Cervix Uteri**

Female	6.40	2	NC*
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**Colon / Rectum**

Male	44.59	43	96
Female	42.12	44	104
Total	86.71	87	100

**Esophagus**

Male	6.61	3	NC*
Female	2.05	3	NC*
Total	8.66	6	69

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	2.82	4	NC*
Female	2.15	3	NC*
Total	4.97	7	141

**Kidney and Renal Pelvis**

Male	10.92	15	137
Female	6.73	9	134
Total	17.65	24	136

**Larynx**

Male	6.28	4	NC*
Female	1.58	0	NC*
Total	7.85	4	NC*

**Leukemia**

Male	8.60	9	105
Female	6.64	2	NC*
Total	15.24	11	72

**Liver and Intrahepatic Bile Ducts**

Male	4.24	2	NC*
Female	1.72	1	NC*
Total	5.96	3	NC*

**Lung and Bronchus**

Male	57.82	50	86
Female	46.42	45	97
Total	104.23	95	91

**Oral Cavity and Pharynx**

Male	11.66	10	86
Female	5.51	4	NC*
Total	17.17	14	82

**Ovary**

Female	13.13	15	114
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**Pancreas**

Male	7.59	12	158
Female	7.81	11	141
Total	15.40	23	149

**Prostate**

Male	114.11	115	101
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**Stomach**

Male	7.55	6	80
Female	4.52	2	NC*
Total	12.07	8	66

**Testis**

Male	4.31	5	116
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**Thyroid**

Male	2.51	3	NC*
Female	6.51	10	154
Total	9.03	13	144

**Uteri, Corpus and Uterus, NOS**

Female	21.89	24	110
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**All Sites / Types**

Male	369.16	367	99
Female	349.21	348	100
Total	718.37	715	100

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**Shutesbury**

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

<u>Bladder, Urinary</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>	<u>Melanoma of Skin</u>	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
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Male	0.95	0	NC*
Female	0.31	0	NC*
Total	1.26	0	NC*

#### **Brain and Other Central Nervous System**

Male	0.36	0	NC*
Female	0.27	1	NC*
Total	0.63	1	NC*

#### **Breast**

Male	0.05	0	NC*
Female	6.84	6	88
Total	6.89	6	87

#### **Cervix Uteri**

Female	0.45	0	NC*
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#### **Colon / Rectum**

Male	2.40	3	NC*
Female	1.95	1	NC*
Total	4.35	4	NC*

#### **Esophagus**

Male	0.40	0	NC*
Female	0.09	0	NC*
Total	0.50	0	NC*

#### **Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.18	0	NC*
Female	0.15	0	NC*
Total	0.34	0	NC*

#### **Kidney and Renal Pelvis**

Male	0.67	0	NC*
Female	0.37	0	NC*
Total	1.04	0	NC*

#### **Larynx**

Male	0.39	0	NC*
Female	0.09	0	NC*
Total	0.48	0	NC*

#### **Leukemia**

Male	0.51	0	NC*
Female	0.37	0	NC*
Total	0.88	0	NC*

#### **Liver and Intrahepatic Bile Ducts**

Male	0.26	0	NC*
Female	0.08	0	NC*
Total	0.34	0	NC*

#### **Lung and Bronchus**

Male	3.22	0	NC*
Female	2.40	1	NC*
Total	5.61	1	NC*

Male	0.77	2	NC*
Female	0.60	0	NC*
Total	1.36	2	NC*

#### **Multiple Myeloma**

Male	0.20	0	NC*
Female	0.16	0	NC*
Total	0.36	0	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	0.90	0	NC*
Female	0.70	0	NC*
Total	1.59	0	NC*

#### **Oral Cavity and Pharynx**

Male	0.76	0	NC*
Female	0.31	0	NC*
Total	1.08	0	NC*

#### **Ovary**

Female	0.81	0	NC*
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#### **Pancreas**

Male	0.43	0	NC*
Female	0.36	0	NC*
Total	0.79	0	NC*

#### **Prostate**

Male	6.49	6	93
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#### **Stomach**

Male	0.43	2	NC*
Female	0.21	1	NC*
Total	0.64	3	NC*

#### **Testis**

Male	0.28	0	NC*
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#### **Thyroid**

Male	0.17	0	NC*
Female	0.48	0	NC*
Total	0.65	0	NC*

#### **Uteri, Corpus and Uterus, NOS**

Female	1.30	1	NC*
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#### **All Sites / Types**

Male	21.22	13	61
Female	19.57	11	56
Total	40.79	24	59 ~-

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## Somerset

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	15.93	15	94	Male	9.95	5	50
Female	6.28	5	80	Female	7.48	6	80
Total	22.21	20	90	Total	17.43	11	63
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	4.26	6	141	Male	3.08	3	NC*
Female	3.52	5	142	Female	2.81	3	NC*
Total	7.78	11	141	Total	5.89	6	102
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.74	0	NC*	Male	12.01	15	125
Female	94.54	93	98	Female	11.48	11	96
Total	95.28	93	98	Total	23.49	26	111
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	4.75	5	105	Male	9.46	6	63
<b><u>Colon / Rectum</u></b>				Female	4.78	4	NC*
Male	39.45	30	76	Total	14.24	10	70
Female	39.36	35	89	<b><u>Ovary</u></b>			
Total	78.81	65	82	Female	10.82	11	102
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	5.62	9	160	Male	6.61	9	136
Female	1.93	2	NC*	Female	7.29	6	82
Total	7.55	11	146	Total	13.91	15	108
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.90	2	NC*	Male	99.31	116	117
Female	1.48	2	NC*	<b><u>Stomach</u></b>			
Total	3.38	4	NC*	Male	6.61	8	121
<b><u>Kidney and Renal Pelvis</u></b>				Female	4.22	5	119
Male	9.04	7	77	Total	10.83	13	120
Female	5.88	7	119	<b><u>Testis</u></b>			
Total	14.92	14	94	Male	2.64	3	NC*
<b><u>Larynx</u></b>				<b><u>Thyroid</u></b>			
Male	5.24	6	115	Male	1.81	0	NC*
Female	1.37	0	NC*	Female	4.60	4	NC*
Total	6.61	6	91	Total	6.41	4	NC*
<b><u>Leukemia</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	7.02	9	128	Female	18.68	19	102
Female	5.61	6	107				
Total	12.63	15	119				
<b><u>Liver and Intrahepatic Bile Ducts</u></b>							
Male	3.53	1	NC*				
Female	1.57	1	NC*				

Total	5.10	2	NC*
<b><u>Lung and Bronchus</u></b>			
Male	50.40	52	103
Female	41.45	26	63 #-
Total	91.85	78	85

**All Sites / Types**

Male	315.29	319	101
Female	302.05	272	90
Total	617.34	591	96

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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## Somerville

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	38.60	37	96
Female	18.19	19	104
Total	56.78	56	99

**Brain and Other Central Nervous System**

Male	13.02	9	69
Female	11.79	10	85
Total	24.81	19	77

**Breast**

Male	1.82	0	NC*
Female	284.54	251	88 #-
Total	286.35	251	88 #-

**Cervix Uteri**

Female	18.55	19	102
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**Colon / Rectum**

Male	96.21	119	124 #+
Female	114.85	145	126 ~+
Total	211.06	264	125 ^+

**Esophagus**

Male	13.56	18	133
Female	5.56	4	NC*
Total	19.12	22	115

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	8.17	8	98
Female	6.83	6	88
Total	15.00	14	93

**Kidney and Renal Pelvis**

Male	23.14	22	95
Female	17.12	16	93
Total	40.26	38	94

**Melanoma of Skin**

Male	28.28	13	46 ~-
Female	25.70	18	70
Total	53.98	31	57 ^-

**Multiple Myeloma**

Male	7.47	8	107
Female	7.96	9	113
Total	15.43	17	110

**Non-Hodgkin('s) Lymphoma**

Male	34.35	19	55 ~-
Female	35.24	26	74
Total	69.58	45	65 ~-

**Oral Cavity and Pharynx**

Male	24.51	29	118
Female	14.11	10	71
Total	38.62	39	101

**Ovary**

Female	33.92	22	65 #-
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**Pancreas**

Male	16.14	15	93
Female	20.92	17	81
Total	37.07	32	86

**Prostate**

Male	229.58	196	85 #-
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**Stomach**

Male	16.44	19	116
Female	12.67	21	166 #+
Total	29.10	40	137

<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	12.72	14	110	Male	14.62	21	144
Female	3.75	8	214				
Total	16.47	22	134				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	19.34	16	83	Male	6.49	5	77
Female	17.49	23	132	Female	19.66	14	71
Total	36.83	39	106	Total	26.15	19	73
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	8.92	7	78				
Female	4.54	3	NC*	Female	52.81	42	80
Total	13.46	10	74				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	120.11	152	127 ~+	Male	789.98	790	100
Female	116.04	122	105	Female	909.57	874	96
Total	236.16	274	116 #+	Total	1699.55	1664	98

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## South Hadley

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	12.16	15	123	Male	7.72	13	168
Female	5.11	9	176	Female	6.65	8	120
Total	17.27	24	139	Total	14.37	21	146
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.36	4	NC*	Male	2.34	3	NC*
Female	3.20	1	NC*	Female	2.26	0	NC*
Total	6.56	5	76	Total	4.61	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.56	0	NC*	Male	9.36	11	117
Female	78.26	76	97	Female	9.67	11	114
Total	78.82	76	96	Total	19.03	22	116
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	4.51	7	155	Male	7.21	11	153
				Female	3.93	4	NC*
				Total	11.14	15	135
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	30.10	26	86	Female	9.18	11	120
Female	32.18	27	84				
Total	62.28	53	85				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			

Male	4.25	9	212	Male	5.03	11	219 #+
Female	1.56	1	NC*	Female	5.90	7	119
Total	5.82	10	172	Total	10.93	18	165
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.60	1	NC*	Male	74.77	51	68 ~-
Female	1.60	2	NC*				
Total	3.20	3	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.92	8	116	Male	5.05	3	NC*
Female	4.82	3	NC*	Female	3.49	5	143
Total	11.73	11	94	Total	8.54	8	94
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	3.96	6	151	Male	2.35	4	NC*
Female	1.08	0	NC*				
Total	5.04	6	119				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.48	3	NC*	Male	1.45	3	NC*
Female	4.90	3	NC*	Female	4.63	3	NC*
Total	10.38	6	58	Total	6.08	6	99
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.69	1	NC*	Female	15.00	11	73
Female	1.28	1	NC*				
Total	3.97	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	38.23	31	81	Male	240.69	230	96
Female	33.21	37	111	Female	251.04	244	97
Total	71.43	68	95	Total	491.74	474	96

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (Obs / Exp) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

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## Southampton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	3.27	3	NC*	Male	2.31	3	NC*
Female	1.17	0	NC*	Female	1.71	2	NC*
Total	4.45	3	NC*	Total	4.03	5	124
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.05	2	NC*	Male	0.67	0	NC*
Female	0.82	0	NC*	Female	0.56	0	NC*
Total	1.87	2	NC*	Total	1.23	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.16	0	NC*	Male	2.74	1	NC*

Female	21.06	12	57 #–	Female	2.35	2	NC*
Total	21.22	12	57 #–	Total	5.10	3	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.18	0	NC*	Male	2.25	0	NC*
				Female	1.01	1	NC*
				Total	3.26	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	8.20	8	98	Female	2.45	3	NC*
Female	7.33	7	96				
Total	15.53	15	97				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.26	1	NC*	Male	1.42	0	NC*
Female	0.36	0	NC*	Female	1.37	0	NC*
Total	1.61	1	NC*	Total	2.78	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.50	1	NC*	Male	21.37	16	75
Female	0.38	0	NC*				
Total	0.88	1	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.08	0	NC*	Male	1.40	1	NC*
Female	1.23	2	NC*	Female	0.78	1	NC*
Total	3.31	2	NC*	Total	2.18	2	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.20	0	NC*	Male	0.72	2	NC*
Female	0.30	1	NC*				
Total	1.50	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	1.59	0	NC*	Male	0.47	0	NC*
Female	1.20	0	NC*	Female	1.19	2	NC*
Total	2.79	0	NC*	Total	1.66	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.80	0	NC*	Female	4.14	3	NC*
Female	0.30	0	NC*				
Total	1.11	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	10.75	6	56	Male	68.71	52	76 #–
Female	8.53	7	82	Female	63.79	48	75 #–
Total	19.28	13	67	Total	132.50	100	75 ~–

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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\* = **SIR** and statistical significance not calculated when **Obs** < 5

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## Southborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	4.17	2	NC*
Female	1.49	0	NC*
Total	5.66	2	NC*
<b><u>Brain and Other Central Nervous System</u></b>			
Male	1.48	4	NC*
Female	1.12	0	NC*
Total	2.60	4	NC*
<b><u>Breast</u></b>			
Male	0.21	0	NC*
Female	28.90	33	114
Total	29.11	33	113
<b><u>Cervix Uteri</u></b>			
Female	1.69	0	NC*
<b><u>Colon / Rectum</u></b>			
Male	10.53	3	NC*
Female	9.31	8	86
Total	19.83	11	55 #-
<b><u>Esophagus</u></b>			
Male	1.68	1	NC*
Female	0.45	1	NC*
Total	2.13	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	0.75	4	NC*
Female	0.54	0	NC*
Total	1.30	4	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	2.79	4	NC*
Female	1.64	4	NC*
Total	4.42	8	181
<b><u>Larynx</u></b>			
Male	1.62	0	NC*
Female	0.40	0	NC*
Total	2.02	0	NC*
<b><u>Leukemia</u></b>			
Male	2.15	1	NC*
Female	1.62	1	NC*
Total	3.77	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	1.08	2	NC*
Female	0.39	1	NC*
Total	1.47	3	NC*
<b><u>Lung and Bronchus</u></b>			
Male	13.96	7	50
Female	11.03	10	91
Total	24.99	17	68

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Melanoma of Skin</u></b>			
Male	3.16	4	NC*
Female	2.39	2	NC*
Total	5.55	6	108
<b><u>Multiple Myeloma</u></b>			
Male	0.87	0	NC*
Female	0.73	0	NC*
Total	1.60	0	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	3.73	2	NC*
Female	3.09	6	194
Total	6.82	8	117
<b><u>Oral Cavity and Pharynx</u></b>			
Male	3.08	1	NC*
Female	1.36	0	NC*
Total	4.44	1	NC*
<b><u>Ovary</u></b>			
Female	3.37	1	NC*
<b><u>Pancreas</u></b>			
Male	1.85	4	NC*
Female	1.73	0	NC*
Total	3.58	4	NC*
<b><u>Prostate</u></b>			
Male	27.98	21	75
<b><u>Stomach</u></b>			
Male	1.82	2	NC*
Female	1.00	2	NC*
Total	2.82	4	NC*
<b><u>Testis</u></b>			
Male	1.13	2	NC*
<b><u>Thyroid</u></b>			
Male	0.68	0	NC*
Female	1.73	2	NC*
Total	2.41	2	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	5.64	6	106
<b><u>All Sites / Types</u></b>			
Male	90.69	77	85
Female	85.34	84	98
Total	176.02	161	91

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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## Southbridge

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	11.63	18	155	Male	7.26	5	69
Female	5.45	4	NC*	Female	6.22	2	NC*
Total	17.09	22	129	Total	13.48	7	52
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.19	7	219	Male	2.17	3	NC*
Female	2.94	4	NC*	Female	2.29	0	NC*
Total	6.13	11	179	Total	4.46	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.52	1	NC*	Male	8.98	7	78
Female	73.69	79	107	Female	9.60	10	104
Total	74.21	80	108	Total	18.58	17	91
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	3.96	5	126	Male	6.50	3	NC*
				Female	3.85	6	156
				Total	10.36	9	87
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	28.42	31	109	Female	8.55	11	129
Female	34.43	29	84				
Total	62.85	60	95				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	3.83	1	NC*	Male	4.70	6	128
Female	1.68	1	NC*	Female	6.22	7	112
Total	5.50	2	NC*	Total	10.92	13	119
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.66	2	NC*	Male	65.41	71	109
Female	1.41	2	NC*				
Total	3.07	4	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.30	9	143	Male	4.86	3	NC*
Female	4.68	1	NC*	Female	3.80	2	NC*
Total	10.98	10	91	Total	8.67	5	58
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	3.47	10	288 ~+	Male	2.56	4	NC*
Female	1.00	1	NC*				
Total	4.48	11	246 #+				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.34	4	NC*	Male	1.39	1	NC*
Female	4.93	5	101	Female	3.98	1	NC*
Total	10.28	9	88	Total	5.37	2	NC*

**Liver and Intrahepatic Bile Ducts**

Male	2.43	2	NC*
Female	1.33	1	NC*
Total	3.76	3	NC*

**Lung and Bronchus**

Male	34.39	38	111
Female	32.03	14	44 ^-
Total	66.42	52	78

**Uteri, Corpus and Uterus, NOS**

Female	14.01	9	64
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**All Sites / Types**

Male	220.69	248	112
Female	245.55	216	88
Total	466.23	464	100

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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**Southwick**

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.60	5	109	Male	3.50	3	NC*
Female	1.59	3	NC*	Female	2.58	5	194
Total	6.19	8	129	Total	6.08	8	132
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.64	1	NC*	Male	0.95	1	NC*
Female	1.23	1	NC*	Female	0.77	2	NC*
Total	2.87	2	NC*	Total	1.72	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.23	0	NC*	Male	4.15	1	NC*
Female	30.51	29	95	Female	3.32	6	181
Total	30.74	29	94	Total	7.47	7	94
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.86	2	NC*	Male	3.36	1	NC*
				Female	1.44	0	NC*
				Total	4.80	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	11.59	10	86	Female	3.59	3	NC*
Female	9.91	8	81				
Total	21.50	18	84				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.82	1	NC*	Male	2.03	1	NC*
Female	0.48	1	NC*	Female	1.85	4	NC*
Total	2.30	2	NC*	Total	3.88	5	129
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.86	1	NC*	Male	30.15	19	63 #-
Female	0.63	0	NC*				
Total	1.49	1	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			

Male	3.05	3	NC*	Male	2.02	1	NC*
Female	1.74	1	NC*	Female	1.07	2	NC*
Total	4.79	4	NC*	Total	3.09	3	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.75	1	NC*	Male	1.34	3	NC*
Female	0.42	0	NC*				
Total	2.17	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.39	1	NC*	Male	0.77	0	NC*
Female	1.74	0	NC*	Female	1.93	3	NC*
Total	4.14	1	NC*	Total	2.70	3	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.18	1	NC*				
Female	0.42	1	NC*	Female	5.90	5	85
Total	1.60	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	15.15	19	125	Male	99.19	82	83
Female	11.71	10	85	Female	90.79	93	102
Total	26.87	29	108	Total	189.98	175	92

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## Spencer

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	7.01	8	114	Male	4.89	1	NC*
Female	2.55	3	NC*	Female	3.72	2	NC*
Total	9.56	11	115	Total	8.61	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	2.24	1	NC*	Male	1.40	0	NC*
Female	1.78	1	NC*	Female	1.18	1	NC*
Total	4.02	2	NC*	Total	2.57	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.34	0	NC*	Male	5.88	7	119
Female	43.53	35	80	Female	5.08	11	217 #+
Total	43.87	35	80	Total	10.96	18	164
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
				Male	4.63	3	NC*
Female	2.62	6	229	Female	2.12	2	NC*
				Total	6.75	5	74
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	17.52	13	74				

Female	16.03	16	100
Total	33.55	29	86
<b><u>Esophagus</u></b>			
Male	2.61	5	191
Female	0.78	0	NC*
Total	3.39	5	147
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	1.14	3	NC*
Female	0.92	3	NC*
Total	2.06	6	292 #+
<b><u>Kidney and Renal Pelvis</u></b>			
Male	4.31	8	186
Female	2.58	3	NC*
Total	6.89	11	160
<b><u>Larynx</u></b>			
Male	2.48	0	NC*
Female	0.60	0	NC*
Total	3.07	0	NC*
<b><u>Leukemia</u></b>			
Male	3.42	2	NC*
Female	2.60	3	NC*
Total	6.02	5	83
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	1.67	0	NC*
Female	0.65	2	NC*
Total	2.33	2	NC*
<b><u>Lung and Bronchus</u></b>			
Male	22.64	22	97
Female	17.57	28	159 #+
Total	40.21	50	124

Female	5.13	10	195
<b><u>Pancreas</u></b>			
Male	3.00	5	167
Female	2.95	1	NC*
Total	5.95	6	101
<b><u>Prostate</u></b>			
Male	44.76	33	74
<b><u>Stomach</u></b>			
Male	2.99	0	NC*
Female	1.73	3	NC*
Total	4.72	3	NC*
<b><u>Testis</u></b>			
Male	1.74	1	NC*
<b><u>Thyroid</u></b>			
Male	1.01	1	NC*
Female	2.72	5	184
Total	3.73	6	161
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	8.35	7	84
<b><u>All Sites / Types</u></b>			
Male	145.41	121	83 #-
Female	134.74	149	111
Total	280.14	270	96

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~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Springfield

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	83.06	76	91	Male	54.35	27	50 ^-
Female	37.01	33	89	Female	48.18	34	71 #-
Total	120.07	109	91	Total	102.53	61	59 ^-
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	25.19	22	87	Male	15.83	18	114
Female	23.45	18	77	Female	16.22	11	68

Total	48.64	40	82
<b><u>Breast</u></b>			
Male	3.81	6	158
Female	559.18	503	90 #-
Total	562.99	509	90 #-
<b><u>Cervix Uteri</u></b>			
Female	32.77	27	82
<b><u>Colon / Rectum</u></b>			
Male	205.10	205	100
Female	233.13	221	95
Total	438.23	426	97
<b><u>Esophagus</u></b>			
Male	28.41	36	127
Female	11.33	17	150
Total	39.74	53	133
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	13.43	12	89
Female	12.00	6	50
Total	25.43	18	71
<b><u>Kidney and Renal Pelvis</u></b>			
Male	47.24	46	97
Female	34.56	32	93
Total	81.80	78	95
<b><u>Larynx</u></b>			
Male	26.30	31	118
Female	7.64	6	79
Total	33.94	37	109
<b><u>Leukemia</u></b>			
Male	40.28	24	60 ~-
Female	36.14	15	42 ^-
Total	76.42	39	51 ^-
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	18.29	29	159 #+
Female	9.29	10	108
Total	27.58	39	141 #+
<b><u>Lung and Bronchus</u></b>			
Male	255.49	287	112
Female	236.06	200	85 #-
Total	491.55	487	99

Total	32.05	29	90
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	67.02	78	116
Female	69.84	57	82
Total	136.86	135	99
<b><u>Oral Cavity and Pharynx</u></b>			
Male	49.02	63	129
Female	28.24	23	81
Total	77.26	86	111
<b><u>Ovary</u></b>			
Female	65.89	55	83
<b><u>Pancreas</u></b>			
Male	34.12	39	114
Female	42.64	35	82
Total	76.76	74	96
<b><u>Prostate</u></b>			
Male	492.39	471	96
<b><u>Stomach</u></b>			
Male	34.72	36	104
Female	25.46	26	102
Total	60.17	62	103
<b><u>Testis</u></b>			
Male	20.94	8	38 ~-
<b><u>Thyroid</u></b>			
Male	10.92	5	46
Female	33.94	22	65 #-
Total	44.87	27	60 ~-
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	106.43	106	100
<b><u>All Sites / Types</u></b>			
Male	1640.74	1642	100
Female	1805.06	1589	88 ^-
Total	3445.79	3231	94 ^-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

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\* = **SIR** and statistical significance not calculated when **Obs** < 5

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# Sterling

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.06	3	NC*	Male	3.09	1	NC*
Female	1.35	2	NC*	Female	2.19	2	NC*
Total	5.41	5	92	Total	5.28	3	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.44	1	NC*	Male	0.86	2	NC*
Female	1.03	1	NC*	Female	0.66	1	NC*
Total	2.46	2	NC*	Total	1.51	3	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.21	0	NC*	Male	3.63	6	165
Female	26.35	28	106	Female	2.80	2	NC*
Total	26.56	28	105	Total	6.43	8	124
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.56	1	NC*	Male	3.03	3	NC*
				Female	1.24	0	NC*
				Total	4.27	3	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	10.24	9	88	Female	3.07	2	NC*
Female	8.41	8	95				
Total	18.66	17	91				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.64	2	NC*	Male	1.80	1	NC*
Female	0.41	0	NC*	Female	1.56	1	NC*
Total	2.05	2	NC*	Total	3.37	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.71	0	NC*	Male	27.16	23	85
Female	0.51	2	NC*				
Total	1.22	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.75	4	NC*	Male	1.78	0	NC*
Female	1.48	1	NC*	Female	0.91	1	NC*
Total	4.23	5	118	Total	2.68	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.59	0	NC*	Male	1.06	4	NC*
Female	0.36	0	NC*				
Total	1.95	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.10	3	NC*	Male	0.66	0	NC*
Female	1.49	1	NC*	Female	1.60	2	NC*
Total	3.58	4	NC*	Total	2.26	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.06	2	NC*	Female	5.12	5	98
Female	0.35	0	NC*				
Total	1.41	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	13.61	8	59	Male	88.27	78	88
Female	9.94	14	141	Female	77.61	79	102
Total	23.54	22	93	Total	165.88	157	95

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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## Stockbridge

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.05	2	NC*	Male	1.25	1	NC*
Female	0.81	1	NC*	Female	0.99	0	NC*
Total	2.86	3	NC*	Total	2.24	1	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.52	0	NC*	Male	0.39	0	NC*
Female	0.45	0	NC*	Female	0.36	0	NC*
Total	0.97	0	NC*	Total	0.75	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.09	2	NC*	Male	1.51	2	NC*
Female	12.43	9	72	Female	1.47	0	NC*
Total	12.53	11	88	Total	2.98	2	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.64	0	NC*	Male	1.17	1	NC*
				Female	0.62	0	NC*
				Total	1.80	1	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	5.03	5	99	Female	1.42	2	NC*
Female	5.06	3	NC*				
Total	10.09	8	79				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.70	1	NC*	Male	0.83	0	NC*
Female	0.25	1	NC*	Female	0.93	0	NC*
Total	0.95	2	NC*	Total	1.76	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.23	0	NC*	Male	12.23	6	49
Female	0.19	0	NC*				
Total	0.42	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	1.14	1	NC*	Male	0.84	0	NC*
Female	0.75	0	NC*	Female	0.55	1	NC*
Total	1.90	1	NC*	Total	1.39	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.65	2	NC*	Male	0.31	0	NC*
Female	0.18	0	NC*				
Total	0.82	2	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			

Male	0.89	0	NC*
Female	0.73	0	NC*
Total	1.62	0	NC*

#### Liver and Intrahepatic Bile Ducts

Male	0.44	0	NC*
Female	0.20	0	NC*
Total	0.64	0	NC*

#### Lung and Bronchus

Male	6.34	3	NC*
Female	5.24	3	NC*
Total	11.57	6	52

Male	0.22	0	NC*
Female	0.62	0	NC*
Total	0.84	0	NC*

#### Uteri, Corpus and Uterus, NOS

Female	2.44	1	NC*
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#### All Sites / Types

Male	39.48	29	73
Female	39.20	21	54 ~-
Total	78.68	50	64 ^-

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## Stoneham

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	15.85	10	63
Female	6.88	5	73
Total	22.73	15	66

#### **Brain and Other Central Nervous System**

Male	4.41	0	NC*
Female	3.82	8	210
Total	8.23	8	97

#### **Breast**

Male	0.73	0	NC*
Female	99.45	142	143 ^+
Total	100.18	142	142 ^+

#### **Cervix Uteri**

Female	5.31	7	132
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#### **Colon / Rectum**

Male	39.18	48	122
Female	43.21	52	120
Total	82.39	100	121

#### **Esophagus**

Male	5.52	6	109
Female	2.11	1	NC*
Total	7.63	7	92

#### **Hodgkin's Disease (Hodgkin Lymphoma)**

Male	2.18	7	321 #+
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#### **Melanoma of Skin**

Male	10.17	8	79
Female	8.21	7	85
Total	18.38	15	82

#### **Multiple Myeloma**

Male	3.04	2	NC*
Female	2.97	2	NC*
Total	6.02	4	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	12.35	9	73
Female	12.39	11	89
Total	24.74	20	81

#### **Oral Cavity and Pharynx**

Male	9.43	9	95
Female	5.08	4	NC*
Total	14.51	13	90

#### **Ovary**

Female	11.48	14	122
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#### **Pancreas**

Male	6.56	10	152
Female	7.91	9	114
Total	14.47	19	131

#### **Prostate**

Male	95.99	101	105
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Female	1.77	0	NC*
Total	3.96	7	177

#### Kidney and Renal Pelvis

Male	8.99	14	156
Female	6.19	6	97
Total	15.18	20	132

#### Larynx

Male	5.12	5	98
Female	1.38	2	NC*
Total	6.50	7	108

#### Leukemia

Male	7.17	10	139
Female	6.21	3	NC*
Total	13.37	13	97

#### Liver and Intrahepatic Bile Ducts

Male	3.49	1	NC*
Female	1.70	6	354 #+
Total	5.19	7	135

#### Lung and Bronchus

Male	49.25	60	122
Female	42.78	43	101
Total	92.04	103	112

#### Stomach

Male	6.63	9	136
Female	4.73	4	NC*
Total	11.36	13	114

#### Testis

Male	3.30	4	NC*
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#### Thyroid

Male	1.95	3	NC*
Female	5.28	8	151
Total	7.24	11	152

#### Uteri, Corpus and Uterus, NOS

Female	19.18	20	104
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#### All Sites / Types

Male	312.45	336	108
Female	322.56	367	114 #+
Total	635.01	703	111 ~+

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## Stoughton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	18.00	19	106	Male	12.46	5	40 #-
Female	7.06	7	99	Female	9.84	14	142
Total	25.05	26	104	Total	22.30	19	85
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	5.61	5	89	Male	3.57	2	NC*
Female	4.62	4	NC*	Female	3.24	4	NC*
Total	10.24	9	88	Total	6.81	6	88
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.86	0	NC*	Male	14.94	20	134
Female	118.13	137	116	Female	13.74	16	116
Total	118.99	137	115	Total	28.68	36	126
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	6.78	3	NC*	Male	11.71	11	94
				Female	5.78	7	121

				Total	17.49	18	103
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	44.94	53	118				
Female	44.14	43	97	Female	13.77	12	87
Total	89.08	96	108				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	6.63	3	NC*	Male	7.65	6	78
Female	2.15	2	NC*	Female	8.19	9	110
Total	8.78	5	57	Total	15.84	15	95
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	2.87	7	244	Male	113.98	101	89
Female	2.26	1	NC*				
Total	5.14	8	156				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	10.96	10	91	Male	7.63	5	66
Female	7.04	13	185	Female	4.77	7	147
Total	18.00	23	128	Total	12.40	12	97
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	6.28	1	NC*	Male	4.45	5	112
Female	1.65	2	NC*				
Total	7.93	3	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	8.63	11	127	Male	2.55	4	NC*
Female	6.92	2	NC*	Female	6.90	2	NC*
Total	15.54	13	84	Total	9.46	6	63
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	4.25	3	NC*	Female	22.90	17	74
Female	1.80	1	NC*				
Total	6.05	4	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	57.92	50	86	Male	370.73	354	95
Female	48.46	66	136 #+	Female	366.06	400	109
Total	106.38	116	109	Total	736.79	754	102

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## Stow

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.86	1	NC*	Male	2.31	3	NC*
Female	1.00	0	NC*	Female	1.71	4	NC*
Total	3.86	1	NC*	Total	4.02	7	174

**Brain and Other Central Nervous System**

Male	1.10	2	NC*
Female	0.79	2	NC*
Total	1.89	4	NC*

**Breast**

Male	0.15	0	NC*
Female	20.55	24	117
Total	20.70	24	116

**Cervix Uteri**

Female	1.22	0	NC*
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**Colon / Rectum**

Male	7.26	8	110
Female	6.24	5	80
Total	13.50	13	96

**Esophagus**

Male	1.23	0	NC*
Female	0.30	0	NC*
Total	1.53	0	NC*

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.54	0	NC*
Female	0.39	1	NC*
Total	0.93	1	NC*

**Kidney and Renal Pelvis**

Male	2.06	1	NC*
Female	1.12	2	NC*
Total	3.18	3	NC*

**Larynx**

Male	1.20	0	NC*
Female	0.27	0	NC*
Total	1.48	0	NC*

**Leukemia**

Male	1.55	2	NC*
Female	1.14	0	NC*
Total	2.69	2	NC*

**Liver and Intrahepatic Bile Ducts**

Male	0.79	0	NC*
Female	0.26	0	NC*
Total	1.05	0	NC*

**Lung and Bronchus**

Male	9.79	5	51
Female	7.40	7	95
Total	17.19	12	70

**Multiple Myeloma**

Male	0.62	0	NC*
Female	0.50	0	NC*
Total	1.12	0	NC*

**Non-Hodgkin('s) Lymphoma**

Male	2.69	3	NC*
Female	2.10	0	NC*
Total	4.79	3	NC*

**Oral Cavity and Pharynx**

Male	2.33	0	NC*
Female	0.95	2	NC*
Total	3.28	2	NC*

**Ovary**

Female	2.39	0	NC*
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**Pancreas**

Male	1.31	0	NC*
Female	1.14	2	NC*
Total	2.46	2	NC*

**Prostate**

Male	19.82	18	91
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**Stomach**

Male	1.28	0	NC*
Female	0.67	1	NC*
Total	1.96	1	NC*

**Testis**

Male	0.78	0	NC*
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**Thyroid**

Male	0.51	0	NC*
Female	1.26	2	NC*
Total	1.76	2	NC*

**Uteri, Corpus and Uterus, NOS**

Female	3.99	0	NC*
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**All Sites / Types**

Male	64.37	44	68 ~-
Female	59.35	52	88
Total	123.71	96	78 #-

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## Sturbridge

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	5.31	5	94	Male	3.64	2	NC*
Female	1.86	1	NC*	Female	2.66	4	NC*
Total	7.17	6	84	Total	6.31	6	95
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.64	0	NC*	Male	1.07	1	NC*
Female	1.27	0	NC*	Female	0.87	0	NC*
Total	2.91	0	NC*	Total	1.94	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.26	0	NC*	Male	4.35	11	253 #+
Female	32.25	29	90	Female	3.69	4	NC*
Total	32.51	29	89	Total	8.04	15	187 #+
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.83	2	NC*	Male	3.50	2	NC*
				Female	1.56	1	NC*
				Total	5.07	3	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	13.24	10	76	Female	3.76	6	160
Female	11.67	23	197 ~+				
Total	24.91	33	132				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.98	0	NC*	Male	2.27	1	NC*
Female	0.57	0	NC*	Female	2.17	1	NC*
Total	2.55	0	NC*	Total	4.43	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.78	0	NC*	Male	33.85	29	86
Female	0.61	0	NC*				
Total	1.39	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	3.27	3	NC*	Male	2.25	5	222
Female	1.91	2	NC*	Female	1.25	1	NC*
Total	5.18	5	97	Total	3.50	6	171
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.88	1	NC*	Male	1.13	1	NC*
Female	0.45	0	NC*				
Total	2.34	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.54	5	197	Male	0.72	0	NC*
Female	1.87	2	NC*	Female	1.86	2	NC*
Total	4.42	7	158	Total	2.59	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.26	1	NC*	Female	6.30	7	111
Female	0.48	2	NC*				
Total	1.74	3	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	17.16	18	105	Male	109.35	103	94

Female	13.17	7	53	Female	98.98	99	100
Total	30.33	25	82	Total	208.32	202	97

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## Sudbury

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	9.40	9	96	Male	7.01	10	143
Female	2.97	3	NC*	Female	4.99	9	181
Total	12.38	12	97	Total	12.00	19	158
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.24	1	NC*	Male	1.98	3	NC*
Female	2.34	3	NC*	Female	1.50	1	NC*
Total	5.58	4	NC*	Total	3.48	4	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.48	0	NC*	Male	8.20	6	73
Female	61.87	72	116	Female	6.29	3	NC*
Total	62.36	72	115	Total	14.49	9	62
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	3.52	2	NC*	Male	7.10	0	NC*
				Female	2.87	2	NC*
				Total	9.96	2	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	23.91	15	63	Female	7.16	4	NC*
Female	18.33	11	60				
Total	42.24	26	62 #-				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	3.91	1	NC*	Male	4.25	6	141
Female	0.89	3	NC*	Female	3.47	6	173
Total	4.80	4	NC*	Total	7.72	12	155
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.50	0	NC*	Male	66.50	58	87
Female	1.08	2	NC*				
Total	2.58	2	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	6.36	4	NC*	Male	4.11	4	NC*
Female	3.44	2	NC*	Female	1.96	1	NC*
Total	9.80	6	61	Total	6.07	5	82
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	3.80	2	NC*	Male	2.08	1	NC*
Female	0.87	0	NC*				

Total	4.66	2	NC*
<b>Leukemia</b>			
Male	4.71	5	106
Female	3.35	0	NC*
Total	8.06	5	62

#### **Liver and Intrahepatic Bile Ducts**

Male	2.49	2	NC*
Female	0.79	0	NC*
Total	3.28	2	NC*

#### **Lung and Bronchus**

Male	32.44	18	55 ~-
Female	23.14	22	95
Total	55.58	40	72 #-

#### **Thyroid**

Male	1.46	2	NC*
Female	3.57	5	140
Total	5.02	7	139

#### **Uteri, Corpus and Uterus, NOS**

Female	12.22	7	57
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#### **All Sites / Types**

Male	208.00	161	77 ^-
Female	178.11	167	94
Total	386.12	328	85 ~-

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## **Sunderland**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	1.42	0	NC*
Female	0.53	0	NC*
Total	1.95	0	NC*

#### **Brain and Other Central Nervous System**

Male	0.57	0	NC*
Female	0.45	0	NC*
Total	1.03	0	NC*

#### **Breast**

Male	0.07	0	NC*
Female	10.05	12	119
Total	10.12	12	119

#### **Cervix Uteri**

Female	0.79	0	NC*
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#### **Colon / Rectum**

Male	3.58	3	NC*
Female	3.36	2	NC*
Total	6.94	5	72

#### **Esophagus**

Male	0.52	0	NC*
Female	0.16	0	NC*

#### **Melanoma of Skin**

Male	1.18	4	NC*
Female	0.99	0	NC*
Total	2.17	4	NC*

#### **Multiple Myeloma**

Male	0.29	0	NC*
Female	0.24	1	NC*
Total	0.53	1	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	1.43	3	NC*
Female	1.17	1	NC*
Total	2.59	4	NC*

#### **Oral Cavity and Pharynx**

Male	1.00	0	NC*
Female	0.47	0	NC*
Total	1.47	0	NC*

#### **Ovary**

Female	1.24	1	NC*
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#### **Pancreas**

Male	0.61	2	NC*
Female	0.61	0	NC*

Total	0.68	0	NC*	Total	1.22	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.39	0	NC*	Male	8.57	10	117
Female	0.31	0	NC*				
Total	0.70	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.93	0	NC*	Male	0.62	1	NC*
Female	0.56	1	NC*	Female	0.38	1	NC*
Total	1.49	1	NC*	Total	1.00	2	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.50	0	NC*	Male	0.74	0	NC*
Female	0.12	0	NC*				
Total	0.62	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.80	1	NC*	Male	0.30	0	NC*
Female	0.60	0	NC*	Female	0.88	1	NC*
Total	1.40	1	NC*	Total	1.18	1	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	0.36	0	NC*	Female	1.79	2	NC*
Female	0.14	0	NC*				
Total	0.49	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	4.54	3	NC*	Male	30.68	30	98
Female	3.61	3	NC*	Female	30.57	28	92
Total	8.14	6	74	Total	61.25	58	95

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## Sutton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.32	2	NC*	Male	3.21	3	NC*
Female	1.37	1	NC*	Female	2.28	3	NC*
Total	5.69	3	NC*	Total	5.48	6	109
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.48	3	NC*	Male	0.89	1	NC*
Female	1.09	1	NC*	Female	0.66	4	NC*
Total	2.57	4	NC*	Total	1.55	5	322 #+
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.21	0	NC*	Male	3.81	4	NC*
Female	26.69	13	49 ~-	Female	2.88	2	NC*
Total	26.90	13	48 ~-	Total	6.69	6	90

**Cervix Uteri**

Female	1.64	1	NC*
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**Colon / Rectum**

Male	10.82	6	55
Female	8.54	6	70
Total	19.36	12	62

**Esophagus**

Male	1.70	2	NC*
Female	0.41	1	NC*
Total	2.12	3	NC*

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.75	3	NC*
Female	0.56	1	NC*
Total	1.31	4	NC*

**Kidney and Renal Pelvis**

Male	2.82	2	NC*
Female	1.51	2	NC*
Total	4.33	4	NC*

**Larynx**

Male	1.63	2	NC*
Female	0.36	0	NC*
Total	1.99	2	NC*

**Leukemia**

Male	2.20	2	NC*
Female	1.55	3	NC*
Total	3.75	5	133

**Liver and Intrahepatic Bile Ducts**

Male	1.09	0	NC*
Female	0.36	0	NC*
Total	1.45	0	NC*

**Lung and Bronchus**

Male	14.01	12	86
Female	10.02	13	130
Total	24.04	25	104

**Oral Cavity and Pharynx**

Male	3.13	1	NC*
Female	1.25	1	NC*
Total	4.39	2	NC*

**Ovary**

Female	3.15	2	NC*
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**Pancreas**

Male	1.91	2	NC*
Female	1.58	2	NC*
Total	3.49	4	NC*

**Prostate**

Male	27.89	21	75
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**Stomach**

Male	1.90	3	NC*
Female	0.92	1	NC*
Total	2.83	4	NC*

**Testis**

Male	1.10	2	NC*
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**Thyroid**

Male	0.68	0	NC*
Female	1.72	1	NC*
Total	2.40	1	NC*

**Uteri, Corpus and Uterus, NOS**

Female	5.14	6	117
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**All Sites / Types**

Male	91.69	74	81
Female	79.06	69	87
Total	170.74	143	84 #-

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**Swampscott**

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			



Male	11.47	10	87
Female	4.54	11	242 #+
Total	16.01	21	131
<b><u>Brain and Other Central Nervous System</u></b>			
Male	3.11	2	NC*
Female	2.68	4	NC*
Total	5.79	6	104
<b><u>Breast</u></b>			
Male	0.53	0	NC*
Female	70.75	78	110
Total	71.28	78	109
<b><u>Cervix Uteri</u></b>			
Female	3.75	1	NC*
<b><u>Colon / Rectum</u></b>			
Male	28.31	26	92
Female	28.51	28	98
Total	56.81	54	95
<b><u>Esophagus</u></b>			
Male	4.04	6	148
Female	1.39	1	NC*
Total	5.43	7	129
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	1.41	0	NC*
Female	1.20	1	NC*
Total	2.61	1	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	6.56	13	198 #+
Female	4.31	1	NC*
Total	10.87	14	129
<b><u>Larynx</u></b>			
Male	3.76	2	NC*
Female	1.00	0	NC*
Total	4.76	2	NC*
<b><u>Leukemia</u></b>			
Male	5.13	4	NC*
Female	4.20	3	NC*
Total	9.33	7	75
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	2.54	4	NC*
Female	1.14	1	NC*
Total	3.68	5	136
<b><u>Lung and Bronchus</u></b>			
Male	35.76	29	81
Female	30.01	30	100
Total	65.77	59	90

Male	7.26	19	262 ^+
Female	5.73	3	NC*
Total	12.99	22	169 #+
<b><u>Multiple Myeloma</u></b>			
Male	2.23	1	NC*
Female	2.04	4	NC*
Total	4.27	5	117
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	8.76	4	NC*
Female	8.46	7	83
Total	17.22	11	64
<b><u>Oral Cavity and Pharynx</u></b>			
Male	6.90	0	NC*
Female	3.53	3	NC*
Total	10.43	3	NC*
<b><u>Ovary</u></b>			
Female	8.15	13	160
<b><u>Pancreas</u></b>			
Male	4.76	6	126
Female	5.25	4	NC*
Total	10.01	10	100
<b><u>Prostate</u></b>			
Male	69.85	96	137 ~+
<b><u>Stomach</u></b>			
Male	4.80	4	NC*
Female	3.07	4	NC*
Total	7.87	8	102
<b><u>Testis</u></b>			
Male	1.95	1	NC*
<b><u>Thyroid</u></b>			
Male	1.33	1	NC*
Female	3.71	2	NC*
Total	5.04	3	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	13.83	16	116
<b><u>All Sites / Types</u></b>			
Male	225.49	246	109
Female	223.58	232	104
Total	449.07	478	106

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## Swansea

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	11.77	8	68	Male	7.85	3	NC*
Female	4.36	4	NC*	Female	5.77	1	NC*
Total	16.13	12	74	Total	13.62	4	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	3.46	4	NC*	Male	2.32	4	NC*
Female	2.72	1	NC*	Female	2.01	2	NC*
Total	6.18	5	81	Total	4.33	6	139
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.56	0	NC*	Male	9.41	6	64
Female	71.59	62	87	Female	8.32	5	60
Total	72.15	62	86	Total	17.73	11	62
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	3.84	6	156	Male	7.51	7	93
				Female	3.52	2	NC*
				Total	11.03	9	82
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	29.29	25	85	Female	8.26	7	85
Female	27.28	19	70				
Total	56.57	44	78				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	4.32	4	NC*	Male	4.99	6	120
Female	1.33	2	NC*	Female	5.07	12	237 #+
Total	5.65	6	106	Total	10.05	18	179 #+
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.64	2	NC*	Male	74.53	81	109
Female	1.22	1	NC*				
Total	2.86	3	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	7.03	3	NC*	Male	4.98	4	NC*
Female	4.30	4	NC*	Female	2.92	1	NC*
Total	11.34	7	62	Total	7.90	5	63
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	4.07	2	NC*	Male	2.38	2	NC*
Female	1.02	1	NC*				
Total	5.09	3	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	5.46	6	110	Male	1.53	1	NC*
Female	4.15	3	NC*	Female	3.81	1	NC*
Total	9.60	9	94	Total	5.34	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	2.73	2	NC*	Female	14.07	11	78
Female	1.11	0	NC*				

Total	3.84	2	NC*
<b><u>Lung and Bronchus</u></b>			
Male	37.69	39	103
Female	29.94	23	77
Total	67.64	62	92

**All Sites / Types**

Male	239.31	222	93
Female	222.40	174	78 ^-
Total	461.71	396	86 ~-

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~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Taunton

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	31.26	29	93
Female	13.47	17	126
Total	44.73	46	103
<b><u>Brain and Other Central Nervous System</u></b>			
Male	9.62	9	94
Female	8.52	4	NC*
Total	18.14	13	72
<b><u>Breast</u></b>			
Male	1.47	1	NC*
Female	209.99	240	114 #+
Total	211.45	241	114 #+
<b><u>Cervix Uteri</u></b>			
Female	12.23	12	98
<b><u>Colon / Rectum</u></b>			
Male	77.58	81	104
Female	84.73	83	98
Total	162.31	164	101
<b><u>Esophagus</u></b>			
Male	11.12	16	144
Female	4.12	3	NC*
Total	15.23	19	125
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	5.05	7	139
Female	4.31	5	116
Total	9.36	12	128
<b><u>Kidney and Renal Pelvis</u></b>			
Male	18.41	19	103
Female	12.80	18	141

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Melanoma of Skin</u></b>			
Male	21.11	14	66
Female	17.90	14	78
Total	39.01	28	72
<b><u>Multiple Myeloma</u></b>			
Male	6.08	8	132
Female	5.98	8	134
Total	12.06	16	133
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	25.65	30	117
Female	25.61	24	94
Total	51.26	54	105
<b><u>Oral Cavity and Pharynx</u></b>			
Male	19.45	37	190 ^+
Female	10.49	11	105
Total	29.94	48	160 ~+
<b><u>Ovary</u></b>			
Female	24.63	18	73
<b><u>Pancreas</u></b>			
Male	13.08	17	130
Female	15.54	16	103
Total	28.62	33	115
<b><u>Prostate</u></b>			
Male	191.03	174	91
<b><u>Stomach</u></b>			
Male	13.19	19	144
Female	9.22	8	87

Total	31.21	37	119
<b><u>Larynx</u></b>			
Male	10.40	16	154
Female	2.88	3	NC*
Total	13.28	19	143

<b><u>Leukemia</u></b>			
Male	15.07	16	106
Female	13.03	14	107
Total	28.10	30	107

<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	7.13	7	98
Female	3.39	1	NC*
Total	10.52	8	76

<b><u>Lung and Bronchus</u></b>			
Male	98.10	133	136 ^+
Female	87.67	103	117
Total	185.77	236	127 ^+

Total	22.42	27	120
<b><u>Testis</u></b>			
Male	7.87	10	127

<b><u>Thyroid</u></b>			
Male	4.30	0	NC*
Female	12.58	12	95
Total	16.88	12	71

<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	40.17	32	80

<b><u>All Sites / Types</u></b>			
Male	630.16	686	109 #+
Female	668.61	691	103
Total	1298.77	1377	106 #+

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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## Templeton

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	4.71	2	NC*
Female	1.66	1	NC*
Total	6.37	3	NC*

<b><u>Brain and Other Central Nervous System</u></b>			
Male	1.46	0	NC*
Female	1.09	4	NC*
Total	2.54	4	NC*

<b><u>Breast</u></b>			
Male	0.23	0	NC*
Female	27.44	29	106
Total	27.67	29	105

<b><u>Cervix Uteri</u></b>			
Female	1.54	1	NC*

<b><u>Colon / Rectum</u></b>			
Male	11.76	16	136
Female	10.38	14	135
Total	22.13	30	136

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Melanoma of Skin</u></b>			
Male	3.26	7	215
Female	2.27	2	NC*
Total	5.53	9	163

<b><u>Multiple Myeloma</u></b>			
Male	0.95	1	NC*
Female	0.76	1	NC*
Total	1.71	2	NC*

<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	3.88	5	129
Female	3.21	5	156
Total	7.09	10	141

<b><u>Oral Cavity and Pharynx</u></b>			
Male	3.14	1	NC*
Female	1.35	0	NC*
Total	4.49	1	NC*

<b><u>Ovary</u></b>			
Female	3.20	4	NC*

<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.77	1	NC*	Male	2.02	3	NC*
Female	0.51	0	NC*	Female	1.92	3	NC*
Total	2.28	1	NC*	Total	3.94	6	152
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.70	0	NC*	Male	30.10	22	73
Female	0.52	0	NC*				
Total	1.22	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.92	1	NC*	Male	2.01	3	NC*
Female	1.65	1	NC*	Female	1.12	3	NC*
Total	4.57	2	NC*	Total	3.13	6	192
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.68	0	NC*	Male	1.02	0	NC*
Female	0.39	0	NC*				
Total	2.07	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.26	0	NC*	Male	0.65	0	NC*
Female	1.64	2	NC*	Female	1.57	0	NC*
Total	3.89	2	NC*	Total	2.22	0	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.13	0	NC*	Female	5.34	7	131
Female	0.42	2	NC*				
Total	1.55	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	15.24	17	112	Male	97.31	82	84
Female	11.34	14	123	Female	85.39	103	121
Total	26.59	31	117	Total	182.70	185	101

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

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## Tewksbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	16.01	15	94	Male	11.83	8	68
Female	5.69	5	88	Female	8.90	9	101
Total	21.70	20	92	Total	20.73	17	82
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	5.54	3	NC*	Male	3.25	4	NC*
Female	4.21	3	NC*	Female	2.69	2	NC*
Total	9.75	6	62	Total	5.94	6	101
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			

Male	0.79	1	NC*
Female	104.54	115	110
Total	105.33	116	110

#### Cervix Uteri

Female	6.36	4	NC*
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#### Colon / Rectum

Male	40.33	37	92
Female	35.49	41	116
Total	75.82	78	103

#### Esophagus

Male	6.20	6	97
Female	1.72	0	NC*
Total	7.92	6	76

#### Hodgkin's Disease (Hodgkin Lymphoma)

Male	2.95	4	NC*
Female	2.18	2	NC*
Total	5.13	6	117

#### Kidney and Renal Pelvis

Male	10.29	14	136
Female	6.04	7	116
Total	16.33	21	129

#### Larynx

Male	5.93	7	118
Female	1.43	1	NC*
Total	7.36	8	109

#### Leukemia

Male	8.13	8	98
Female	6.08	4	NC*
Total	14.22	12	84

#### Liver and Intrahepatic Bile Ducts

Male	4.00	4	NC*
Female	1.48	3	NC*
Total	5.48	7	128

#### Lung and Bronchus

Male	52.80	91	172 ^+
Female	40.70	46	113
Total	93.50	137	147 ^+

Male	14.12	13	92
Female	11.65	14	120
Total	25.77	27	105

#### Oral Cavity and Pharynx

Male	11.23	12	107
Female	4.99	7	140
Total	16.22	19	117

#### Ovary

Female	12.30	16	130
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#### Pancreas

Male	6.99	5	72
Female	6.61	6	91
Total	13.60	11	81

#### Prostate

Male	105.09	105	100
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#### Stomach

Male	6.92	9	130
Female	3.85	2	NC*
Total	10.77	11	102

#### Testis

Male	4.65	4	NC*
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#### Thyroid

Male	2.57	4	NC*
Female	6.62	5	76
Total	9.19	9	98

#### Uteri, Corpus and Uterus, NOS

Female	20.12	16	80
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#### All Sites / Types

Male	342.50	369	108
Female	315.32	331	105
Total	657.82	700	106

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (Obs / Exp) X 100 ]

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## Tisbury

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	2.74	1	NC*
Female	1.29	1	NC*
Total	4.03	2	NC*
<b><u>Brain and Other Central Nervous System</u></b>			
Male	0.73	1	NC*
Female	0.68	1	NC*
Total	1.41	2	NC*
<b><u>Breast</u></b>			
Male	0.13	0	NC*
Female	17.88	21	117
Total	18.00	21	117
<b><u>Cervix Uteri</u></b>			
Female	0.87	1	NC*
<b><u>Colon / Rectum</u></b>			
Male	6.78	4	NC*
Female	8.11	3	NC*
Total	14.89	7	47 #–
<b><u>Esophagus</u></b>			
Male	0.96	0	NC*
Female	0.40	0	NC*
Total	1.36	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>			
Male	0.32	1	NC*
Female	0.28	0	NC*
Total	0.60	1	NC*
<b><u>Kidney and Renal Pelvis</u></b>			
Male	1.55	2	NC*
Female	1.14	0	NC*
Total	2.69	2	NC*
<b><u>Larynx</u></b>			
Male	0.89	0	NC*
Female	0.26	0	NC*
Total	1.15	0	NC*
<b><u>Leukemia</u></b>			
Male	1.21	4	NC*
Female	1.12	0	NC*
Total	2.34	4	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>			
Male	0.60	1	NC*
Female	0.32	0	NC*
Total	0.92	1	NC*
<b><u>Lung and Bronchus</u></b>			
Male	8.64	2	NC*
Female	8.05	7	87
Total	16.69	9	54

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Melanoma of Skin</u></b>			
Male	1.70	3	NC*
Female	1.42	2	NC*
Total	3.12	5	160
<b><u>Multiple Myeloma</u></b>			
Male	0.53	1	NC*
Female	0.56	1	NC*
Total	1.09	2	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	2.05	3	NC*
Female	2.28	0	NC*
Total	4.33	3	NC*
<b><u>Oral Cavity and Pharynx</u></b>			
Male	1.61	0	NC*
Female	0.93	1	NC*
Total	2.54	1	NC*
<b><u>Ovary</u></b>			
Female	2.04	5	245
<b><u>Pancreas</u></b>			
Male	1.13	0	NC*
Female	1.49	2	NC*
Total	2.62	2	NC*
<b><u>Prostate</u></b>			
Male	16.96	23	136
<b><u>Stomach</u></b>			
Male	1.13	0	NC*
Female	0.88	1	NC*
Total	2.01	1	NC*
<b><u>Testis</u></b>			
Male	0.44	0	NC*
<b><u>Thyroid</u></b>			
Male	0.30	0	NC*
Female	0.84	1	NC*
Total	1.14	1	NC*
<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Female	3.51	3	NC*
<b><u>All Sites / Types</u></b>			
Male	53.97	52	96
Female	58.85	53	90
Total	112.82	105	93

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

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+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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## Tolland

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	0.27	0	NC*	Male	0.17	0	NC*
Female	0.07	0	NC*	Female	0.10	0	NC*
Total	0.34	0	NC*	Total	0.27	0	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.07	0	NC*	Male	0.05	0	NC*
Female	0.05	0	NC*	Female	0.03	0	NC*
Total	0.12	0	NC*	Total	0.09	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.01	0	NC*	Male	0.20	1	NC*
Female	1.22	0	NC*	Female	0.14	0	NC*
Total	1.23	0	NC*	Total	0.34	1	NC*
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	0.06	0	NC*	Male	0.17	0	NC*
				Female	0.06	0	NC*
				Total	0.23	0	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	0.66	0	NC*	Female	0.14	0	NC*
Female	0.45	2	NC*				
Total	1.11	2	NC*				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	0.10	0	NC*	Male	0.11	0	NC*
Female	0.02	0	NC*	Female	0.08	0	NC*
Total	0.12	0	NC*	Total	0.20	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.03	0	NC*	Male	1.69	1	NC*
Female	0.02	0	NC*				
Total	0.05	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	0.16	1	NC*	Male	0.11	0	NC*
Female	0.07	0	NC*	Female	0.05	0	NC*
Total	0.23	1	NC*	Total	0.16	0	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	0.09	0	NC*	Male	0.04	0	NC*
Female	0.02	0	NC*				
Total	0.11	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	0.12	0	NC*	Male	0.03	0	NC*
Female	0.07	0	NC*	Female	0.06	0	NC*
Total	0.19	0	NC*	Total	0.10	0	NC*



**Liver and Intrahepatic Bile Ducts**

Male	0.06	0	NC*
Female	0.02	0	NC*
Total	0.08	0	NC*

**Lung and Bronchus**

Male	0.85	0	NC*
Female	0.51	0	NC*
Total	1.36	0	NC*

**Uteri, Corpus and Uterus, NOS**

Female	0.24	0	NC*
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**All Sites / Types**

Male	5.36	4	NC*
Female	3.75	2	NC*
Total	9.11	6	66

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

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~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Topsfield

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.86	2	NC*	Male	3.16	10	317 ~+
Female	1.96	1	NC*	Female	2.41	4	NC*
Total	6.82	3	NC*	Total	5.57	14	251 ~+
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.37	0	NC*	Male	0.95	0	NC*
Female	1.11	3	NC*	Female	0.87	1	NC*
Total	2.48	3	NC*	Total	1.82	1	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.23	0	NC*	Male	3.79	3	NC*
Female	30.25	24	79	Female	3.53	3	NC*
Total	30.48	24	79	Total	7.32	6	82
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	1.53	0	NC*	Male	3.08	2	NC*
				Female	1.52	2	NC*
				Total	4.60	4	NC*
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	12.07	4	NC*	Female	3.45	2	NC*
Female	12.22	7	57				
Total	24.29	11	45 ~-				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.79	1	NC*	Male	2.07	0	NC*
Female	0.60	0	NC*	Female	2.24	2	NC*
Total	2.38	1	NC*	Total	4.31	2	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.61	0	NC*	Male	30.73	26	85
Female	0.47	0	NC*				
Total	1.08	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			

Male	2.86	2	NC*
Female	1.82	3	NC*
Total	4.68	5	107

#### Larynx

Male	1.67	1	NC*
Female	0.42	0	NC*
Total	2.09	1	NC*

#### Leukemia

Male	2.21	2	NC*
Female	1.84	3	NC*
Total	4.05	5	124

#### Liver and Intrahepatic Bile Ducts

Male	1.12	0	NC*
Female	0.49	0	NC*
Total	1.60	0	NC*

#### Lung and Bronchus

Male	15.43	8	52
Female	12.39	8	65
Total	27.82	16	58 #-

Male	2.07	2	NC*
Female	1.34	1	NC*
Total	3.41	3	NC*

#### Testis

Male	0.82	1	NC*
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#### Thyroid

Male	0.59	0	NC*
Female	1.49	1	NC*
Total	2.08	1	NC*

#### Uteri, Corpus and Uterus, NOS

Female	5.91	9	152
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#### All Sites / Types

Male	97.86	67	68 ~-
Female	94.93	75	79 #-
Total	192.79	142	74 ^-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

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~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels

## Townsend

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>			
Male	3.83	5	130
Female	1.41	0	NC*
Total	5.24	5	95

#### **Brain and Other Central Nervous System**

Male	1.56	3	NC*
Female	1.23	1	NC*
Total	2.79	4	NC*

#### **Breast**

Male	0.20	0	NC*
Female	28.88	28	97
Total	29.08	28	96

#### **Cervix Uteri**

Female	1.92	1	NC*
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#### **Colon / Rectum**

Male	9.70	6	62
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	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Melanoma of Skin</u></b>			
Male	3.18	3	NC*
Female	2.56	3	NC*
Total	5.75	6	104

#### **Multiple Myeloma**

Male	0.82	0	NC*
Female	0.69	3	NC*
Total	1.51	3	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	3.76	0	NC*
Female	3.08	3	NC*
Total	6.84	3	NC*

#### **Oral Cavity and Pharynx**

Male	3.09	1	NC*
Female	1.34	4	NC*
Total	4.43	5	113

#### **Ovary**

Female	8.78	7	80	Female	3.45	9	261 #+
Total	18.49	13	70				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.60	0	NC*	Male	1.75	0	NC*
Female	0.42	0	NC*	Female	1.62	0	NC*
Total	2.03	0	NC*	Total	3.36	0	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.86	0	NC*	Male	25.44	33	130
Female	0.69	0	NC*				
Total	1.55	0	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.74	5	183	Male	1.74	1	NC*
Female	1.60	0	NC*	Female	0.96	0	NC*
Total	4.33	5	115	Total	2.70	1	NC*
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.56	0	NC*	Male	1.35	1	NC*
Female	0.38	0	NC*				
Total	1.94	0	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.18	2	NC*	Male	0.74	1	NC*
Female	1.71	0	NC*	Female	2.06	4	NC*
Total	3.90	2	NC*	Total	2.80	5	179
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.05	0	NC*	Female	5.46	10	183
Female	0.37	0	NC*				
Total	1.43	0	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	12.77	8	63	Male	85.78	71	83
Female	10.36	6	58	Female	84.67	84	99
Total	23.13	14	61	Total	170.45	155	91

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## Truro

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>		<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	2.24	3	NC*	Male	1.26	0	NC*
Female	0.67	1	NC*	Female	0.75	1	NC*
Total	2.91	4	NC*	Total	2.02	1	NC*
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	0.50	2	NC*	Male	0.42	1	NC*
Female	0.36	1	NC*	Female	0.30	0	NC*

Total	0.86	3	NC*
<b>Breast</b>			
Male	0.10	0	NC*
Female	9.86	15	152
Total	9.96	15	151

**Cervix Uteri**

Female	0.46	0	NC*
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**Colon / Rectum**

Male	5.47	5	91
Female	4.21	5	119
Total	9.68	10	103

**Esophagus**

Male	0.74	0	NC*
Female	0.21	0	NC*
Total	0.94	0	NC*

**Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.19	0	NC*
Female	0.14	2	NC*
Total	0.33	2	NC*

**Kidney and Renal Pelvis**

Male	1.17	0	NC*
Female	0.62	1	NC*
Total	1.79	1	NC*

**Larynx**

Male	0.67	0	NC*
Female	0.15	0	NC*
Total	0.82	0	NC*

**Leukemia**

Male	0.91	1	NC*
Female	0.57	0	NC*
Total	1.49	1	NC*

**Liver and Intrahepatic Bile Ducts**

Male	0.45	0	NC*
Female	0.17	0	NC*
Total	0.62	0	NC*

**Lung and Bronchus**

Male	6.78	6	89
Female	4.48	1	NC*
Total	11.26	7	62

Total	0.72	1	NC*
<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	1.54	2	NC*
Female	1.21	1	NC*
Total	2.75	3	NC*

**Oral Cavity and Pharynx**

Male	1.19	3	NC*
Female	0.50	0	NC*
Total	1.69	3	NC*

**Ovary**

Female	1.12	1	NC*
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**Pancreas**

Male	0.90	1	NC*
Female	0.78	3	NC*
Total	1.68	4	NC*

**Prostate**

Male	13.09	14	107
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**Stomach**

Male	0.91	0	NC*
Female	0.44	0	NC*
Total	1.36	0	NC*

**Testis**

Male	0.23	0	NC*
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**Thyroid**

Male	0.20	0	NC*
Female	0.43	0	NC*
Total	0.63	0	NC*

**Uteri, Corpus and Uterus, NOS**

Female	1.98	3	NC*
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**All Sites / Types**

Male	41.74	45	108
Female	31.74	37	117
Total	73.47	82	112

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# Tyngsborough

Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<b><u>Bladder, Urinary</u></b>				<b><u>Melanoma of Skin</u></b>			
Male	4.10	3	NC*	Male	3.41	3	NC*
Female	1.51	2	NC*	Female	2.72	5	184
Total	5.61	5	89	Total	6.13	8	131
<b><u>Brain and Other Central Nervous System</u></b>				<b><u>Multiple Myeloma</u></b>			
Male	1.70	2	NC*	Male	0.88	0	NC*
Female	1.31	1	NC*	Female	0.74	0	NC*
Total	3.01	3	NC*	Total	1.62	0	NC*
<b><u>Breast</u></b>				<b><u>Non-Hodgkin('s) Lymphoma</u></b>			
Male	0.22	0	NC*	Male	4.03	3	NC*
Female	30.84	25	81	Female	3.31	7	212
Total	31.06	25	80	Total	7.34	10	136
<b><u>Cervix Uteri</u></b>				<b><u>Oral Cavity and Pharynx</u></b>			
Female	2.03	1	NC*	Male	3.30	4	NC*
				Female	1.43	1	NC*
				Total	4.74	5	106
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	10.48	11	105	Female	3.68	7	190
Female	9.41	11	117				
Total	19.89	22	111				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	1.73	1	NC*	Male	1.87	0	NC*
Female	0.45	0	NC*	Female	1.75	1	NC*
Total	2.18	1	NC*	Total	3.62	1	NC*
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	0.93	1	NC*	Male	28.36	18	63
Female	0.73	0	NC*				
Total	1.66	1	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	2.95	5	169	Male	1.83	5	273
Female	1.72	2	NC*	Female	1.03	0	NC*
Total	4.67	7	150	Total	2.85	5	175
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	1.70	3	NC*	Male	1.47	1	NC*
Female	0.41	2	NC*				
Total	2.11	5	237				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	2.35	0	NC*	Male	0.80	0	NC*
Female	1.82	3	NC*	Female	2.17	3	NC*
Total	4.17	3	NC*	Total	2.97	3	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.14	1	NC*	Female	5.86	3	NC*
Female	0.40	2	NC*				
Total	1.54	3	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	14.12	17	120	Male	93.66	87	93
Female	11.27	11	98	Female	90.64	91	100
Total	25.39	28	110	Total	184.30	178	97

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## Tyringham

### Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>		<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u>Bladder, Urinary</u>				<u>Melanoma of Skin</u>			
Male	0.45	0	NC*	Male	0.27	0	NC*
Female	0.12	0	NC*	Female	0.15	0	NC*
Total	0.57	0	NC*	Total	0.42	0	NC*
<u>Brain and Other Central Nervous System</u>				<u>Multiple Myeloma</u>			
Male	0.11	0	NC*	Male	0.09	0	NC*
Female	0.07	0	NC*	Female	0.06	0	NC*
Total	0.18	0	NC*	Total	0.14	0	NC*
<u>Breast</u>				<u>Non-Hodgkin('s) Lymphoma</u>			
Male	0.02	0	NC*	Male	0.32	0	NC*
Female	2.05	2	NC*	Female	0.23	0	NC*
Total	2.07	2	NC*	Total	0.55	0	NC*
<u>Cervix Uteri</u>				<u>Oral Cavity and Pharynx</u>			
Female	0.10	0	NC*	Male	0.27	0	NC*
				Female	0.10	0	NC*
				Total	0.37	0	NC*
<u>Colon / Rectum</u>				<u>Ovary</u>			
Male	1.10	1	NC*	Female	0.23	0	NC*
Female	0.76	0	NC*				
Total	1.86	1	NC*				
<u>Esophagus</u>				<u>Pancreas</u>			
Male	0.16	0	NC*	Male	0.19	0	NC*
Female	0.04	0	NC*	Female	0.14	0	NC*
Total	0.20	0	NC*	Total	0.33	0	NC*
<u>Hodgkin's Disease (Hodgkin Lymphoma)</u>				<u>Prostate</u>			
Male	0.04	0	NC*	Male	2.85	2	NC*
Female	0.03	0	NC*				
Total	0.07	0	NC*				
<u>Kidney and Renal Pelvis</u>				<u>Stomach</u>			
Male	0.25	0	NC*	Male	0.19	0	NC*
Female	0.12	0	NC*	Female	0.08	0	NC*
Total	0.37	0	NC*	Total	0.27	0	NC*
<u>Larynx</u>				<u>Testis</u>			
Male	0.15	0	NC*	Male	0.05	0	NC*
Female	0.03	0	NC*				
Total	0.18	0	NC*				
<u>Leukemia</u>				<u>Thyroid</u>			

Male	0.19	0	NC*
Female	0.11	0	NC*
Total	0.30	0	NC*

#### Liver and Intrahepatic Bile Ducts

Male	0.10	0	NC*
Female	0.03	0	NC*
Total	0.13	0	NC*

#### Lung and Bronchus

Male	1.41	0	NC*
Female	0.86	0	NC*
Total	2.26	0	NC*

Male	0.05	0	NC*
Female	0.09	0	NC*
Total	0.14	0	NC*

#### Uteri, Corpus and Uterus, NOS

Female	0.41	0	NC*
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#### All Sites / Types

Male	8.81	4	NC*
Female	6.24	3	NC*
Total	15.05	7	47 #-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

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## **Upton**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<u>Exp</u>	<u>Obs</u>	<u>SIR</u>
<u><b>Bladder, Urinary</b></u>			
Male	3.04	2	NC*
Female	1.17	2	NC*
Total	4.22	4	NC*

#### **Brain and Other Central Nervous System**

Male	1.00	1	NC*
Female	0.80	2	NC*
Total	1.80	3	NC*

#### **Breast**

Male	0.15	0	NC*
Female	19.63	16	81
Total	19.78	16	81

#### **Cervix Uteri**

Female	1.13	0	NC*
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#### **Colon / Rectum**

Male	7.63	9	118
Female	7.38	16	217 ~+
Total	15.01	25	167 #+

#### **Esophagus**

Male	1.18	1	NC*
Female	0.36	0	NC*
Total	1.53	1	NC*

#### **Hodgkin's Disease (Hodgkin Lymphoma)**

Male	0.49	2	NC*
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#### **Melanoma of Skin**

Male	2.19	2	NC*
Female	1.65	3	NC*
Total	3.83	5	130

#### **Multiple Myeloma**

Male	0.62	0	NC*
Female	0.54	1	NC*
Total	1.16	1	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	2.60	1	NC*
Female	2.29	3	NC*
Total	4.89	4	NC*

#### **Oral Cavity and Pharynx**

Male	2.12	3	NC*
Female	0.96	1	NC*
Total	3.08	4	NC*

#### **Ovary**

Female	2.30	1	NC*
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#### **Pancreas**

Male	1.32	1	NC*
Female	1.35	0	NC*
Total	2.68	1	NC*

#### **Prostate**

Male	19.82	13	66
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Female	0.39	0	NC*
Total	0.88	2	NC*

#### **Kidney and Renal Pelvis**

Male	1.95	2	NC*
Female	1.17	1	NC*
Total	3.12	3	NC*

#### **Larynx**

Male	1.13	1	NC*
Female	0.27	0	NC*
Total	1.40	1	NC*

#### **Leukemia**

Male	1.51	2	NC*
Female	1.20	1	NC*
Total	2.71	3	NC*

#### **Liver and Intrahepatic Bile Ducts**

Male	0.75	0	NC*
Female	0.30	1	NC*
Total	1.05	1	NC*

#### **Lung and Bronchus**

Male	9.98	10	100
Female	7.93	7	88
Total	17.91	17	95

#### **Stomach**

Male	1.31	2	NC*
Female	0.80	1	NC*
Total	2.11	3	NC*

#### **Testis**

Male	0.72	0	NC*
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#### **Thyroid**

Male	0.45	0	NC*
Female	1.16	1	NC*
Total	1.61	1	NC*

#### **Uteri, Corpus and Uterus, NOS**

Female	3.79	1	NC*
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#### **All Sites / Types**

Male	64.20	56	87
Female	60.95	59	97
Total	125.15	115	92

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## **Uxbridge**

**Expected and Observed Case Counts, with Standardized Incidence Ratios, 1995 - 1999**

	<b><u>Exp</u></b>	<b><u>Obs</u></b>	<b><u>SIR</u></b>
<b><u>Bladder, Urinary</u></b>			
Male	6.72	6	89
Female	2.73	0	NC*
Total	9.45	6	64

#### **Brain and Other Central Nervous System**

Male	2.15	2	NC*
Female	1.83	2	NC*
Total	3.98	4	NC*

#### **Breast**

Male	0.32	0	NC*
Female	44.48	36	81
Total	44.81	36	80

#### **Cervix Uteri**

Female	2.62	2	NC*
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#### **Melanoma of Skin**

Male	4.68	2	NC*
Female	3.80	0	NC*
Total	8.48	2	NC*

#### **Multiple Myeloma**

Male	1.33	0	NC*
Female	1.23	2	NC*
Total	2.56	2	NC*

#### **Non-Hodgkin('s) Lymphoma**

Male	5.65	8	142
Female	5.29	3	NC*
Total	10.94	11	101

#### **Oral Cavity and Pharynx**

Male	4.40	5	114
Female	2.20	2	NC*



				Total	6.60	7	106
<b><u>Colon / Rectum</u></b>				<b><u>Ovary</u></b>			
Male	16.73	10	60				
Female	17.13	18	105	Female	5.23	7	134
Total	33.86	28	83				
<b><u>Esophagus</u></b>				<b><u>Pancreas</u></b>			
Male	2.48	0	NC*	Male	2.86	2	NC*
Female	0.83	0	NC*	Female	3.15	6	191
Total	3.31	0	NC*	Total	6.01	8	133
<b><u>Hodgkin's Disease (Hodgkin Lymphoma)</u></b>				<b><u>Prostate</u></b>			
Male	1.11	0	NC*	Male	41.90	32	76
Female	0.93	1	NC*				
Total	2.04	1	NC*				
<b><u>Kidney and Renal Pelvis</u></b>				<b><u>Stomach</u></b>			
Male	4.09	5	122	Male	2.88	3	NC*
Female	2.67	2	NC*	Female	1.87	4	NC*
Total	6.76	7	103	Total	4.75	7	148
<b><u>Larynx</u></b>				<b><u>Testis</u></b>			
Male	2.33	0	NC*	Male	1.71	1	NC*
Female	0.61	1	NC*				
Total	2.94	1	NC*				
<b><u>Leukemia</u></b>				<b><u>Thyroid</u></b>			
Male	3.30	5	151	Male	0.97	0	NC*
Female	2.76	0	NC*	Female	2.71	2	NC*
Total	6.07	5	82	Total	3.68	2	NC*
<b><u>Liver and Intrahepatic Bile Ducts</u></b>				<b><u>Uteri, Corpus and Uterus, NOS</u></b>			
Male	1.59	2	NC*				
Female	0.69	0	NC*	Female	8.52	8	94
Total	2.28	2	NC*				
<b><u>Lung and Bronchus</u></b>				<b><u>All Sites / Types</u></b>			
Male	21.33	20	94	Male	137.89	114	83 #-
Female	18.10	19	105	Female	139.54	125	90
Total	39.43	39	99	Total	277.44	239	86 #-

**Exp** = expected case count, based on the Massachusetts average age-specific incidence rates for this cancer

**Obs** = observed case count

**SIR** = standardized incidence ratio [ (**Obs** / **Exp**) X 100 ]

\* = **SIR** and statistical significance not calculated when **Obs** < 5

+ indicates number of observed cases is statistically significantly higher than the expected number of cases

- indicates number of observed cases is statistically significantly lower than the expected number of cases

# indicates statistical significance at the  $p \leq 0.05$  level

~ indicates statistical significance at the  $p \leq 0.01$  level, as well as at the  $p \leq 0.05$  level

^ indicates statistical significance at the  $p \leq 0.001$  level, as well as at the  $p \leq 0.05$  and  $p \leq 0.01$  levels